

This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

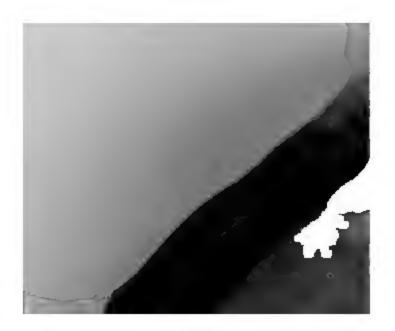
We also ask that you:

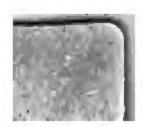
- + Make non-commercial use of the files We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + Refrain from automated querying Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + Maintain attribution The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + Keep it legal Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at http://books.google.com/











JOURNAL

164438

OF THE

ROYAL ASIATIC SOCIETY

φP

GREAT BRITAIN AND IRELAND.

NEW SERIES.



VOLUME THE FOURTH.

LONDON:
TRÜBNER AND CO., 8 & 60, PATERNOSTER ROW.



JOURNAL .

OF THE

1644138

ROYAL ASIATIC SOCIETY

OF.

GREAT BRITAIN AND IRELAND.

NEW SERIES.



VOLUME THE FOURTH.

LONDON:
TRÜBNER AND CO., 8 & 60, PATERNOSTER ROW.

302005 892.06 R9j

STEPERS AUSTIN,



PRINTER, EERTPORD.

CONTENTS OF VOL. IV.

[NEW SERIES.]

ORIGINAL COMMUNICATIONS.

ART. I.—Co	ontributions towards a Glossary of the Assyrian Language. By H. F. Talbot. Part II	PAGE
	On Indian Chronology. By J. FERGUSSON, Esq. F.R.S.	81
ART. III.—	The Poetry of Mohamed Rabadan, of Arragon, By the Hon. H. E. J. STANLEY	138
ART. IV. —	On the Magar Language of Nepal. By John Beames, Esq., B.C.S.	178
ART. V.—C	contributions to the Knowledge of Parsee Literature. By Ed. Sachau, Ph. D	229
ART. VI.	Illustrations of the Lamaist System in Tibet, drawn from Chinese Sources. By Wm. Frederick Mayers, Esq., of Her Britannic Majesty's Consular Service, China	284
ART. VII	-Khuddaka Pátha, a Páli Text, with a Translation and Notes. By R. C. Childers, late of the Ceylon Civil Service.	309
Art. VIII	—An Endeavour to Elucidate Rashiduddin's Geo- graphical Notices of India. By Col. H. YULE, C.B.	340
ART. IX.—	-Sassanian Inscriptions explained by the Pahlavi of the Parsis. By E. W. West, Esq	357

ART. X.—Some Account of the Senbyú Pagoda at Mengún, near the Burmese Capital, in a Memorandum by Capt. E. H. Sladen, Political Agent at Mandalé; with Remarks on the Subject, by Col. Henry Yule, C.B.	405
ART. XI.—The Brhat-Sanhitâ; or, Complete System of Natural Astrology of Varâha-mihira. Translated	
from Sanskrit into English by Dr. H. KERN	430
ART. XII.—The Mohammedan Law of Evidence, and its Influence on the Administration of Justice in India. By N. B. E. Baille, Esq	480
ART. XIII.—The Mohammedan Law of Evidence in connection with the Administration of Justice to Foreigners. By N. B. E. Baillie, Esq	486
Arr. XIV.—Translation of a Bactrian Pâli Inscription. By Professor J. Dowson.	
Apr XVIndo Porthian Coins Ry E. THOMAS Esq.	503

JOURNAL

OF

THE ROYAL ASIATIC SOCIETY.

Contributions towards a Glossary of the Assyrian Language. By H. F. Talbot.

PART II.

- 140. Guza. Throne.—Very frequent in the inscriptions. It always has the sign of the determinative of "wooden objects," prefixed to it. I believe it to be a mere dialectic variation of the Hebrew objects.— solium regium (etiam Dei.—Jerem. iii. 17). In shurrat sarti-ya, sha as guza sarti rabish usibu; In the beginning of my reign, when I sat proudly on my royal throne.—Obel. line 22. Izpa u guza likim-su; Sceptre and throne may they take from him.—R42,73. Guza abi-su; his father's throne.—2R38,32. Guza billuti; throne of power.—R39, 9. Guza nimidi; a palanquin.—R39,36.
- was sounded in this word, because it is also written was sounded in this word, because it is also written was purposely omitted because the word itself began with that sign, so that it was present by implication. Nabo nasi izpa illuti; Nabo who carries the golden sceptre.—Obel. line 11. Tamikh izpa; holder of the sceptre.—R 14, 56. Izpa isarti; the sceptre of justice.—B.M. 38. 5. Isshapa isarti usatmikh gatu-ya; he hath caused my hand to hold the sceptre of justice.—E.I.H. i. 45. Sha idinnam isshapa isarti; who has given me the sceptre of justice.—E.I.H. iv. 19.

142. Agu. YY ?-{ (, a Crown; pl. Agie, YY -YY & \(\)

Examples of the plural:—Agie belluti; crowns of royalty.—
R8, No. 6, line 11. Nadin izpa u agie; giver of sceptres and crowns.—Tig. i. 2.

In 2R38, 52 the images of Marduk and Zarpanita are adorned by the king with crowns of royalty (agic billuti) and crowns with lofty peaks? (agic garni tsirati).

Some words in the above require explanation. Arka, Heb. The longus; li-rika, Heb. and Assyrian ruku longinquus, remotus. "Years" is written as usual Mu, with a plural sign: this P.C. word I have replaced by shanati. Libbita, written - FEYCY I FIY, is from the Heb. The to behold, of which the future is recommended to be imperative The form which we

- 144. Aga. A King.—Derived from Agu (see preceding articles).

 Aga nu-bila; king everlasting (epithet of Marduk in R 70).
- 145. Kudur. Σ΄ Τ΄, a Crown, or some kind of royal head-dress.—This word was altered by the Greeks into Κιδαρις, which is explained by Liddell and Scott as a Persian head-dress, probably the same as the royal Tιαρα.

Kudur as reshdu-ya assim, I placed the "Kudur" on my head; usassab ramani, and I seated myself.—Bl. Stone of Esarhaddon, R 50, col. iv. 10. Assim from the Heb. sim ponere.

High Priest (only at Babylon).—This word is derived in my opinion from the sagan (a priest) and ukku (great), making sagan-ukku, the high priest. It is only used in the Bible during and after the Babylonian captivity. It is clearly a Babylonian word. Daniel was appointed by the King of Babylon rab saganin or chief sagan. In that capacity he had rule "over all the wise men of Babylon."—Dan. ii. 48.

Ukku is a Scythian or Median and probably also Proto-Chaldman word, meaning "great" (Norris's Scythian Glossary, p. 181, in Journ. R. A. S., Vol. xv.). Moreover the capital city of Maniah, "king of the rebellious Dahm," was called

Ukku (R40, 3). But the Dahæ were a Median or Scythian race, and ukku only meant the "great city" of that kingdom. In line 13 we read "He fled from Ukku his royal city and went to a great distance from it. I took and destroyed the city of Ukku and carried off its spoil."

147. Ishakku. \cong YY \cong YXY =Y \cong Y, a Priest.—R 52, 6; and in the Birs Nim. inscr., R 51, 3.

Ishakku tsiri, the high priest. I think it probable that the termination akku meant "great," as in Sakkanakku (see last article).

In Heb. τήτης is senex = πρεσβυτερος presbyter. I do not find it used for priest. It may have been so, however, in Babylonian. If so, it was perhaps the root of Ish-akku, or Ishakku.

The father of Nabonidus, king of Babylon, was a priest of high rank, who bore the title of Y X- (E) AH TY Rubu Imga, which is also written HHI Imga, where HHI is a monogram for Rubu.

This personage, the father of Nabonidus, was the Rab Mag mentioned in Jeremiah xxxix. 3, who entered Jerusalem in triumph, along with many other princes of Babylon, in the days of Nebuchadnezzar. If not the same, at any rate he bore the same title and rank. Imga mutninnu, most liberal high priest, is a title of Nebuchadnezzar in R52, 11. Muda imga occurs in the Birs N. inscr., R51, 4.

From the Chald. mutnin מתונא gifts, plural of בתונא Ex., Daniel ii. 48, "Then the king made Daniel a great man, and gave him many great gifts." מתנן רברבן mutnin rabrabin.

Another form of the word is מתן donum; whence a generous man is called אינע מתן. All from the root אונהן or והן to give.

Another title given to Nebuchadnezzar on account of his great generosity, "mustihu baladam," dispenser of gifts, will be considered in the next article.

See Art. 36. That article requires correction. In 2 R66, Part 2, we read: "O Beltis, I have built for thee a splendid temple and altar. Grant me in return for it a long life!" Grant! is expressed by the word tin \(\frac{1}{2} \), which is exactly the Hebrew \(\frac{1}{2} \) tin (give!), the imperative of natan \(\frac{1}{2} \) to give, which drops the n in the tenses, like most other verbs which begin with that letter. \(Ex., \) "give to a wise man!" Proverbs ix. 9. But instead of tin, another tablet in the British Museum has balat \(\frac{1}{2} \) in this passage, although the rest of the inscription is the same in both tablets. Hence we perceive that balat is a verb, in the imperative mood, meaning give! or grant!

At first this may seem surprising, if not doubtful, but if we examine we find other proofs that balat meant a grant or gift. Thus in Phill. i. 4, Nebuchadnezzar, among other titles of excellence which he assumes, calls himself Mustihu baladam, giver of gifts; and this corresponds exceedingly well with his boast in another inscription (R 52, 11), that he was Imga mutninuu, "the generous high priest" (see No. 149). Hence in Senk. ii. 18, we should translate balat tami rukuti, "the gift of a long life" (here the other cylinder reads balathu). And in Birs N. ii. 20, baladam dara is "the gift of long time."

That $\leq 7 \leq tin$ is equivalent to balat or balathu is further

proved by No. 152 of the Syllabary (quoted by Norris, p. 97):

Y

WEY

Was sounded ti-in (i.e. tin), and its meaning is the same as balathu.

Another and very remarkable example of the word balat, "a gift," occurs in the E.I.H. col. 2, line 1: Sha baladi-ya lu-tippish, when I had made my offering [at the shrine of Marduk]. The verb here employed, ebus (fecit), becomes in the t conjugation etibus (fecit). And the preter-perfect tense is etibbus, etippish, &c. (feceram).

- Balat, a gift, must be distinguished from \(\) \(\) balat, "life," which occurs in the next article, with the variant reading \(\) \(\) \(\) bullat.
- 151. Akhadat. If the Some.—Agrees with the Heb. The unus. So the Greeks say Eviol "some," derived from 'Ev "one." And in French, les uns "some;" ex. gr., les uns disent, some say. It is strange that the Lexicons do not give this easy and natural etymology of the word Eviol, especially as the analogy of the German is so strong; viz., plur. einige, "some." The German has likewise the singular, which the Greek has not, ex. gr., Er hatte einiges geld, "he had some money."

"The rebels came to me, and embraced my feet. Some of them I slew; some of them I pardoned (or let live); some of them I expelled from the place." Akhadat duku; akhadat bullat; akhadat shazibkani ebus.—R19, 81. The words are with a variant reading with a bullat. I let live (with a variant reading with a bullat). Which is derived from shazib and eripere, eruere [homines]; to remove forcibly, expel, root out. Runaways or exiles were called mushazib

The letter \iff is very frequently Zib. Its other value is Lib.

- Bulthut. A good example of this word will be found in R14, 75: "Ten (buffaloes?) I slew; four I took alive (bulthut). Their skins and their horns, together with the live buffaloes (bulthut) to my city Ashur I brought home."—Diku u bulthu, killed and taken alive.—Beh. line 83, in the account of a battle. The root is Ashur I bul, life.
 - Bulthut is the participle of the verb Bullith, "to give life," which occurs in 2 R36, 17.
- 153. Isinati. \(\sigma\) \(\sigma\) \(\sigma\), otherwise written \(\sigma\) \(\sigma\) \(\sigma\), Religious Festivals.

Isinati-su as arkhi tu arkhi t

Another example is found in Phill. iii. 7. The King honors Nebo and Marduk, and says that he has appointed "isinati-sun damgati," their holy festival days; "hakit-zun rabti," and their great solemnities. The word hakit is the plural of and which in Assyrian as in Hebrew signifies a religious festival, and also the victim there sacrificed.

154. Nimidi. The Jacobian The guza nimidi was the king's travelling Palanquin (see No. 140). I believe no etymology has yet been offered of this word. I will, therefore, suggest that it comes from the Hebrew num, to sleep. The great distances the monarch had to travel when he accompanied his army on foreign expeditions must have rendered some lectica necessary, on which he could sleep, or at any rate repose at full length. This view of the word nimidi is, I think, confirmed by the verbal gloss in 2 R24, 20, where mazzar nimidi is rendered iskibbu (lectica, cubile, lectus), from Hebrew cubare, dormire. A similar substantive, askup or askupat, is used for a flat stone lying down and covering an object. So we say in English "the sleepers of a railway."

In Opp. Khors. 131, among other articles of plunder are enumerated a Guza of gold, a Nimatti of gold, a Sceptre of gold, &c. (in that order). This nimatti \(\frac{1}{2} \) \(\frac{1}{2} \) \(\frac{1}{2} \) may be the same as the guza nimidi, since it is mentioned immediately after the guza.

155. Ikribi. אוֹן אוֹן אַרְיּלְ, Prayers, accompanied by Sacrifices.—Ashur ikribi-su ishimmi; Ashur will hear his prayers.—
Inscr. of Bellino, last line. In the invocation to Beltis, 2 R 66, 7, that goddess has the title Shamat ikribi, "she who hears our prayers." Shamat א אוֹן בּצְּן וֹן is the feminine participle of Heb. אוֹן אוֹן ליינות to hear. Many other female participles occur in that inscription.

- 156. Mir. EMEY, a Crown.—The version which I have given (see Trans. R.S.L., Vol. 8, p. 244) of the tablet K, 162, concerning the jewels of the goddess Ishtar, has been considerably improved by a correction made by Mr. Norris, p. 355. It will now commence thus:
 - 1. The first time I deprived her of an ornament,
 - 2. Was taken off the great Crown upon her head.

The Assyrian has Mir raba sha reshdu-sha.

When the jewels are restored, this one has a different name—Agu raba sha .reshdu-sha. But Agu means a crown (see No. 142); therefore Mir also means a crown. The version gains very much by this, for assuredly the Crown of the goddess was her principal glory, and (in my version) it was not found anywhere. But now we find it, and on her head. The proof

which Norris gives is from the bilingual lists in 2 R 25, 23, and 44, 31— \succeq \bigvee \bigvee rendered \bigvee \bigvee \bigvee \smile \bigvee \bigvee \smile That is, Mir in P.C. is Agu in Assyrian. But Agu means a crown.

Having thus established that the Mir worn by the goddess was her crown, let us consider what is the origin of the word? It is, I think almost indubitable that it is the Persian Mitra or Crown, which was very much ornamented with divers colours, as we see by this line of Theoritus (xvii. 19):

Περσαισι βαρυς θεος αιολομιτραις.

Herodotus says (i. 195) "The Babylonians wear mitres on their heads"—τας κεφαλας μιτρησι αναδεονται.

In Cyprus only the kings were mitres (Herod. vii. 90). This is sufficient to show that it was a head-dress of honour.

The mir raba of the goddess may have been a jewelled mitre. The $\mu\iota\tau\rho\eta$ was worn in Asia by women as well as men, else it would not have been adopted by the Greek women,

πεπλοι ποδηρεις, επι καρά δ'εσται MITPA.
(description of Pentheus disguised as a woman.)—Eur. Bacch. 831.

In common conversation Mitra would easily be contracted into Mir, just as pater became père; mater, mère; and frater, frère. A closer instance is seen in the name of the god Mithra: Persian, Mihr, the Sun.

which probably means "a man without authority," "an ordinary person," "a poor man."—It is put in contrast with aklu, a man of rank, which is the Hebrew potens. This P.C. word designates a class of men in some of the Michaux inscriptions in the British Museum. It occurs again on tablet 169, where Tarda point is explained by the Assyrian word Dinu () which I consider to be the Hebrew page, Adon = lord, signor, seigneur; or to be at any rate derived from the same root with page, which is also cognate with page to rule (regere, moderari, imperare.—Gesen.).

The Hebrew ττς to govern, and Λτη Adon, Lord, seem to be cognate with the Greek Δυν, the root of δυναμαι, δυναμις, δυναστης, &c. &c.

In R35, No. 2, line 2, Nebo bears the title of FTY Son," we find bukur, "eldest son," the Hebrew

In 2R67, 67, Nebo bears the same epithet; but now is replaced by - YYY rubu, "chief" or "great." I presume that this is equivalent to bukur, "eldest." The above explanation of * is due to Norris, p. 374, who found it used as an epithet of Ninev, "eldest son of Bel," in R32, 16. The epithet nu-kimmut consists of two words, for they are sometimes found in separate lines. And since nu has no other meaning than "not," the word nu-kimmut must mean "the god who is not kimmut," and the latter word has all the appearance of a participle from the verb kim קים or קום. This verb signifies insurgere, and I would, therefore, translate -- nu-kimmut by "the god who is unassailable," or "against whom resistance is vain." It is remarkable that the same phrase exists in Hebrew, only it is applied to a king and not to a god. We read in Proverbs xxx. that a king is al kum אל קרם, which Schindler, p. 1602,

explains "contra quem nemo audet insurgere," from hon, and surgere. Now, if we replace the Hebrew by by the P.C. Nu, and kum by the participial form kimmut, we obtain the epithet nu-kimmut.

In the remarkable inscription of Sargina, B.M. 33, 6, he calls himself, the fierce destroyer, "sha emukan tsirati Nukimmut ishruku-su, \triangleright kuti tsirri ustibbu idussu; to whom the god Nukimmut has given his lofty 'emukan,' and has placed his long arrows in his hand." Here, I think, ustibbu is the Chald. יינס "to give," "to communicate." But the meaning of emukan is doubtful. It sometimes seems to mean Arms or Weapons; sometimes other things. But since it is followed in this passage by kuti tsirri, "long arrows," it is probable that we should take emukan also in the sense of weapons. The passage is very like one in Tigl. Pil. vi. 57: "The gods Ninev and Sidu gave to my hands their piercing arrows and their long spears." In Sargina's inscription, instead of Ninev and Sidu, we have Nukimmut, whose name (the unconquerable) may, I think, be safely paraphrased as "the god of War."

On further consideration I think that the *Emukan* in the above quoted passage, B.M. 33, 6, are "Spears." Compare the clause in Sargina's prayer to the god of war (Opp. Exp. p. 333), where he says, speaking of himself in the third person, "Protect his horses! preserve his chariots! make to fly far his unconquerable spears! and make his arrows sharp, to destroy his enemies!" The only part of this which I need analyse is that regarding the Spears. It stands thus: Sutali-su emukan lashanan! Now, had tal is the proper verb in Hebrew for "throwing a Spear." Schindler renders it jactavit, vibravit, projecit. In 1 Sam. xviii. 11, Saul threw his spear with the intention of slaying David. The original Hebrew text has hital, "he threw." It is plain, then, that the imperative Tal is Throw [the spear]. But the imperative of the Shaphel conjugation Sutal is, Cause it to be threwn!

Therefore, when we find in a prayer to the god of war for his aid and blessing, "Sutali-su emukan," this must mean "Cause his spears to be well thrown!" The adjective lashanan probably means "unconquerable," from Shanan, to conquer. This verb in the T conjugation forms ashtanan, "I conquered," and ishtananu, "they conquered."

Another argument for rendering emukan "spears" is the following:—When Sennacherib fought with the Egyptians (B.M. 38, 75) the latter brought up against him emuki la nibi, which seems to mean "Spearmen without number."

- 159. Nu-bila. → ~ ► Y, Everlasting, Eternal (see the next article).
- - In R 59, 66, Nebuchadnezzar says that he is the Vicegerent of Marduk, or his Vicar on Earth. He says in his prayer to Marduk: "Thou hast clothed me with the sovereignty of the World, kima dumuk-ka bilu , like thy Mortal Image." To illustrate this, I will give another example of the word dumuk, which is written both and and image (dumuk) of his great divinity in (white marble?) stone, and shining gold."—B 23, 133.

161. Itzutzu. E E Y EY, He said; they say. Dixit, dicunt, ut aiunt, &c. &c.—The origin of this verb appears to me to be the Heb. itza NY, to go forth, with the last letter reduplicated YY. So the English verb "to utter;" Germ. äussern, come from out, and aus respectively, and are, in fact, the same word in different dialects. So edere and efferre, from the preposition e or ex—Ede tuum nomen (Ovid), Speak out thy name!—Decenter aliquid efferre (Quint.), to speak with propriety. Also we have the sha conjugation of NY shatza or shazza, to speak (see the next article). The verb itza NY is used in Hebrew not only for solemn utterances as a decree, the sentence of a judge, the promulgation of doctrine, or the like, but also for common conversation and vulgar rumour.

Example of the word itzutzu.—In line 75 of the Obelisk we read-" Marduk-bel-utzati akhu dubut-zu itti-su ibbuluk, malmalish itzutzu; Marduk-bel-utzati, his younger brother, split with him (as they say)." In fact the brothers quarrelled, and a civil war arose (all which is again related in 2 R65, 51). The important phrase here is malmalish itzutzu, "as they say in common parlance," or perhaps "as people say in that dialect." Malmalish is an adverb, derived from Hebrew mala (55) to speak, a word). The reduplicate form is partly preserved in 550. This adverb, doubtless, means "in common conversation." The parenthesis thus suddenly interposed, like the Latin "ut aiunt," refers to some unusual word that has just preceded. But what is that word? This seems difficult to decide. I think it must be either dubut or ibbuluk; more likely the latter, because it precedes the remark more immediately. But I do not see that ibbuluk is so unusual as to call for a special remark on the part of the scribe. Buluk, "to rebel," is not unfrequent, ex. gr., in bulukti-su rabti, in his great rebellion.

The account of this fraternal quarrel in 2R65, 51, which is unfortunately much mutilated, is not copied from the Obelisk, but from some more copious annals of those times.

In this second account, Marduk-bel-utsati is simply called "his brother," and not "his younger brother." Instead of "itti-su ibbuluk" it has "ki-su," with him; and it omits the parenthesis malmalish itzutzu, which perhaps this later scribe considered to be unnecessary.

I will now give another example of the verb itzutzu, from 2R8, 37, in which it is spelt precisely in the same way: But I must preface it by a few observations to make it intelligible. King Ashurbanipal was a great patron of literature, and to him we owe the fine collection of Grammatical tablets which are now in the British Museum. took a great personal interest in the matter, as is evident from the boast inscribed by his orders on so many of the tablets "that no king before him had ever done so much for Learning," with thanks to the gods for having so enlarged his intelligence and sharpened his eyesight. He had founded in his palace what, for want of a better term, I may call a College, in which he employed many scribes, who covered the tablets with records of omnigenous learning. Who the pupils were who frequented this college and were initiated into the learning of the age is not ascertained. Many of the tablets contain brief allusions to some course of study. Thus one tablet speaks of "so many months, so many days, and half a day;" which, I think, refers to the time in which some particular branch of study had been completed by some class of pupils. If the pupil was one of the young princes, we can easily imagine that a notice of his progress, or something of his writing, would be often submitted to the King; or, if he were a more ordinary person, to the Governor of the Palace.

The passage in 2R8, 37, to which I wish to draw attention, contains a kind of Certificate from one of the Teachers that the lessons in grammar or languages have been thoroughly mastered by some one, who, of course, must have been one of the scholars.

It is as follows:--

MEM malvasu bikharish itzutzu.

MEM malvasu bikharish ibatzu.

The whole of the foregoing he has said perfectly;
The whole of the foregoing he has understood perfectly.

The monogram (F) is very common on the tablets: it is a compendious mode of expressing "the same with what precedes" or "the same as before." It serves the same use as our ditto or do. [that which hath just been said; the Italian "detto"]. I have rendered it "the foregoing."

Malvasu, "the whole of it," is an extremely common word. See the Art. Malvasu.

Bikharish, "in a first-rate manner," is derived, if I mistake not, from the Heb. "It is a very common adverb, usually employed in praise of the king's success in war, who frequently says: All that country I reduced to obedience "in a first-rate manner" or "admirably well."

It may come from either of the roots NYO or NYO. Of these I prefer the first, matza NYO assecutus est; for this is used in the sense of "learning," ex. gr., assequi sapientiam, to learn wisdom.—Ges. The other verb, the Syriac batza "investigavit," suits very well, ex. gr., NYO batzu, examine (the Scriptures),—Schindl. 226: but it was, I think, hardly an ancient word. At any rate, it was much less commonly employed than NYO, of which Furst gives the meanings, "to attain to, acquire, understand, comprehend."

162. Shatza. To Speak, Call, Proclaim.—The sha or shaphel conjugation of itza, Heb. NY.

Sha Ashur Marduk zigir sumi-su ushatzu ana risheti, whom Ashur and Marduk have proclaimed the renown of his name to the end of time (Praises of Sargina, B.M. 33, 2); written $\text{TME} \ \text{The same is found in Botta 36, 4,}$ where more gods are named, and sumi $\text{EY} \ \text{TE}$ is replaced

Zigir is not only "nomen," but also "renown" (like renommée, from nomen). It is the Heb.

Risheti is rendered by Norris, p. 321, "the ends [of the world]." But there is no word in the text answering to "world." I render it "the end of time," and derive it from summa, and my tempus.

The Art. Ishazzu, No. 110, should probably be conjoined with this one. Shazza or Shazza, "to call;" thence ishazzu-su, "they call it."

163. Litash, plur. Litassi. (Y- EYY) EYY, a Teacher.—In a grammatical tablet in the British Museum, published by Oppert (Exp. sc. en Més. p. 359), Ashurbanipal says that he caused these tablets to be made and placed in his Palace for the enlightenment of the Teachers; ana tamarti litassi-ya kireb haikal-ya ukin.

Litash is the Heb. Lutash Tropy, a Master or Teacher; see Sch. p. 947. Thus, in Genesis, Tubal-cain is the lutash or teacher of all workers in metal. The Talmud renders it rabbon or great master. Tamarti, "enlightenment;" from the root mar, to see, to be seen, to be bright, &c. &c., of which the compounds are frequent and various, ex. gr., Ini namirti: farseeing eyes. Ashar la mari; a place in which a thing cannot be seen, a dark place. Namari; the dawn of day, when things just become visible. Namari; to make bright. Namri; bright, glittering, &c. &c.

The letter () is sounded as li in this word Litash. This

usage is frequent. Thus, in R19, 103, illiku (they went) is written Thus, in R19, 103, illiku (they went) is inscription reads Thus, in R19, 103, illiku (they went) is

Mr. Norris has pointed out (dict, p. 418) a remarkable spelling of this word, (Y-Y) = YY which occurs in 2 R 42, 57. Here Y-Y has the value tas, which is not unfrequent in other words.

164. Nebuzaradan. -+ + -, 2R64, 13, i.e. Nebo has given seed (or, a son).

This proper name is very interesting, because it occurs in the Bible: "And in the fifth month, on the seventh day of the month, which is the nineteenth year of King Nebuchadnezzar, came Nebuzaradan, captain of the guard, a servant of the king of Babylon, unto Jerusalem. And he burnt the house of the Lord," &c. &c.—2 Kings xxv. 8. See also Jer. xxxix. 10. Another captain of Nebuchadnezzar's host was called Rab Mag, Jer. xxxix. 3. His name is also found in the Assyrian inscriptions, as I have already stated in the article *Imga* (No. 148).

The name of Nebuzaradan in Hebrew letters will be from בר זרע ירון semen; לפר זרע ירון dedit. But admitting a Chaldee form לפר לפלול (as in Marduk-bal-adan, and many other names), we obtain the name as it stands in the Hebrew text of the Bible, בר זר ארן; where אורע אורן; the final of which is lost by reason of the vowel אורע ווויין לפון אונים.

 I have already (in the article No. 151) given an example of the verb bullat (to give life), spelt in the same manner, from the ancient Annals printed in R19, 81.

Compare also the verb bullith (of the same meaning) which is found, 2R36, 18, in the praises of Ashurbanipal; "whom Nebo and Ashur have brought into life as a King (Sar ubullithus su), and have always guarded his throne."

These two last etymologies (of Nebuzaradan and Sanballat) are as certain as they are simple. Those proposed by Gesenius and Furst are extremely wide of the truth in both cases. I do not impute it as a blame to them, for, before the recent rise of Assyrian studies, these and many other Chaldwan names could not be interpreted.

166. Atzib. Y Stone set up as a Landmark, Monument, or Memorial.—This word seems to have hitherto escaped recognition, perhaps from being disguised in the uncouth hieratic ארץ באין Ekil, "a field," Heb. הקקל, which is written exactly in the same manner. Atzib is, however, a pure Hebrew word from the root statuit, posuit; which is the same as (of same meaning). The latter verb, like most others beginning with N, loses that letter in its tenses and derivatives. Of this verb the Hiphil is etzib דיציב, posuit, collocavit, erexit; ut columnam, Genes. xxxv. 20; altare, Genes. xxxiii. 20; monumentum, 1 Sam. xv. 12 (Gesenius). It especially marked a terminus or boundary of land (constituit fines-Ges.), as in Deuter. xxxii. 8, authorised version—"The Most High set the bounds of the territory of the children of Israel." Here, "he set" is in the original text The principal derived word is matziba אברד, statua, monumentum, cippus. In the latter senses, cippus or monumentum, the word is also found in Phænician monuments, of which Gesenius gives nine instances on monuments still extant, one of which is now preserved in a museum

In the Michaux stone, R70, col. ii. 7, we read: "If any one in future days, for the purpose of destroying this memorial stone (ana tabul atzib suatu) shall deface (or fracture) this monument (itzatzu atzib suatu)," &c. The sense of the word atzib is here unequivocal. It goes on at great length: "Whoever shall deface the writing, and then write on it words of his own (ramani-su, line 12), or shall throw it into the river, or burn it with fire, or bury it in the earth, &c. &c., may he be accursed!" All this applies to a monumental stone, and to nothing else. But it appears to me that YY AYYY, in another part of the very same inscription, means "a field," as it does in the later Assyrian inscriptions. I can only account for this by supposing that "a field" and the stone which marked it were so identified in popular opinion and language, that in speaking of the one, a person virtually implied the other also.

- The sign YYY has the value Tzib in this and many other words, sometimes modified into Sib. It is also very frequently used for Lib.

Preserver of the possessions of the Nimiki. This phrase has not hitherto been explained. The most likely meaning seems to be "Preserver of the possessions of the Gods, Priests, or Temples."

I have found a passage which seems to prove that the Nimiki were the Gods. It occurs in 2 R16, 65, where the P.C. words - "his god (and) his king" are rendered by the Assyrian nimik-su bel-su - II I. Here I would remark that E "a King" is often rendered in P.C. by - II "a Lord," and that both pri and (ni and bi) stand frequently for "his." It would seem to follow that Nimik means "a god." Observe now how well this suits the passage in E.I.H. i. 7, where "Preserver of the possessions of the Nimiki" is followed by "sha aratti iluti-sun istinihu;" "he who increased the of their divinities." Since, therefore, they possessed divinity, the Nimiki were the The other words in the phrase Mustalam akhiz Nimiki Mustalam, "preserver," is the parare easy of explanation. ticiple of the T conjugation of Salam , "to preserve." Akhiz ארונה 'is the Heb. החודה "possessio."

In the above, Y = Y Nin is "Lord." Y = Y is sometimes inu, "the eye;" sometimes pan, "the face:" it is a P.C. word. Y = Y illu, means "splendour, riches;" therefore we may render nin pan illu "lord of the bright face." The verb patik, "to form," is frequent, ex. gr., eptik pitik-su; he formed its form. Y = Y = Y kal is the Heb. Y = Y = Y wall."

M. Oppert remarks that the most usual name of the

The point to which I wish to draw attention is, his title of -II Bel Nimiki, king of the gods. I have found another passage in 2 R 38, 51, in which the same god has the same title (slightly varied in the spelling) - II - Belnu Nimigam. It will be remembered that Belnu is frequently used for Bel. As to the final am in nimigam it is like the title rabu nadam instead of nadu, and many others. I believe it was an emphatic pronunciation. With regard to the etymology of the word nimiki I think there can be no doubt that it meant the Mysterious Beings or Mysterious Powers, from the Heb. מכוק profundus, inexploratus (Ges.), a term which is frequently used in speaking of the Deity, ex. gr., Ps. xcii. 5: "The thoughts of the Lord are very deep." "He (the Lord) discovereth the secrets of the darkness."—Job xii. 22. "Canst thou by searching find out God? canst thou find out the Almighty's perfection? It is as high as heaven, what canst thou do? deeper than hell, what canst thou know?"—Job xi. 8. It is evident from these passages how suitable the word yand its compounds were to furnish a designation worthy of the gods, and therefore my derivation of nimiki from that root is, I think, sufficiently probable.

I will add an example in which nimiki does not mean the gods themselves, but their divine or mysterious nature. In 2 R 36, 19, there are praises of Ashurbanipal—"Sha Nabo u Ashur Sar ubullithu-su; whom Nabo and Ashur caused to be born a King (or, brought him into life, a King): itsuru sarrut-zu, and have been the guardians of his reign." It then goes on—"Nimiki sun bulku; I offer a sacrifice to their divine power (for the health of his life, the stability of his years, and the security of his royal throne)." An unfortunate mutilation of the tablet obscures the sense of one or two other following phrases.

- N.B. Bulku "sacrifice" is given by Norris, p. 99. Ubullithu is from the verb bullith "to give life." Itsuru from natsir און "to protect." Nimiki is here spelt as in E.I.H. i. 7 (see above).

In 2 R67, 81, the gods are called "Children of the Abyss," binut truab. But \(\subseteq \forall \) was "King of the Abyss," sar truab. Therefore, he must have been king of the gods, and, in fact, we find him so called. The mythology is, therefore, in accordance with itself. The gods of Greece were also the children of the "Ocean:"

ωκεανον τε θεων γενεσιν—Hom. Il. \(\mathbb{Z} \) 201.

- In the Syllabary 687, wi, and its plural wi, are rendered *Ili*, "the gods." This is obscure, but I think it may be merely the initial letter of *nimiki* used for the whole word (a frequent usage).

Here note especially nimiki as an adjective 'divine,' and the epithet of the Abyss ilimanni 'heavenly.'

himself was a divine khasitzu or 'Intelligence' (see R27, 4, the invocation to the great gods on the Monolith). Therefore it is

in that quality that Ashurakhbal here invokes him. The other words I will treat of elsewhere. *Uduni* seems 'he exalted, or rewarded;' compare *dunni zikruti*, 'the prize of valour.'

168. Abari. YY EY -YY<Y, the Gods: the Celestials.

The prayer of Sargina to Ninev, to give him aid in war, was published by Oppert in his Exp. en Més. p. 333. It begins: "Ninev bel Abari; O Ninev, Lord of the Celestials!" This translation is, in the first place, probable, because the very similar invocation of Sargina to the god >> \times \times

When, therefore, we find that in Hebrew poetry the word Abari signified 'the Deity,' the above-mentioned 'probability' becomes almost a certainty. The Hebrew word is Abir אביך; the Deity is so called in Gen. xlix. 24, and Isaiah i. 24.

The sequel of the invocation increases the probability of this explanation. Ninev bel Abari, sha sutsu dannut-su, ana Sargina sar Ashur, &c. &c.; O Ninev, Lord of the Celestials, whose pinnacle is lofty, unto Sargina, king of Assyria (grant every blessing)! &c.

Sutsu EY Y EY is the summit or pinnacle of a mountain; it has the same meaning as Ubanat, which it replaces frequently. Ninev was the Meridian Sun, as appears by many passages in the inscriptions. That the Meridian Sun occupies 'a lofty pinnacle' is a poetical image of self-evident truth, and 'Lord of the Celestials' is a natural and proper title for him.

169. Sahat. איני ביין איני און, an Hour.—Agrees with the Chald. איני emphat. איני Hora. "I rode all night. I crossed the river Thurnat. I reached the city of Arastu at the hour of dawn."—R 21, 53. In the version which I gave of this passage (Art. 67) I mistook this word. 'As bikhar sahati,' at the hour of dawn, is the Heb. בקר manè; prima lux.

- Nisikti. At (1) At (2), Pearls.—2 R 67, 28; where it is said they were offered to Tiglath Pileser II. by the tribes near the Persian Gulf. The epithet binut tamti At (1) At the same (productions of the sea) proves them to be pearls. At the same time "gold and silver of the country" were offered; but the word (1) At (silver) has been misprinted (1) In the lithograph published by the British Museum. I propose, therefore, to cancel the article Ephar (No. 102) which was founded entirely upon this passage. Such misprints add considerably to the difficulty of explaining these ancient records.
- of her ears."—Tablet 162. The Hebrew word corresponding is [3] 'inauris,' an earring. But b and m are nearly the same in Assyrian.
- 172. Subibulti, a Necklace (see Art. 91).—I have since found the word Subib in the form 'is a bracelet' in Buxtorf's Lex. p. 2304. This completes the evidence. The Assyrian word is a diminutive.
 - Commentators have had great difficulty in explaining the article of female dress called subisim mentioned in Isaiah iii. 18. See Lowth on Isaiah, p. 250, who says he had consulted on this word the learned Dr. Hunt, professor of Hebrew and Arabic at Oxford, who could find nothing in the Arabic dictionaries that threw any light upon it. Now, if we suppose a very ancient error of a letter of substituted for on, the word was originally which gives a very satisfactory sense, since one of the commentators, Aben Ezra, renders the word subisim which sense seeming to require that meaning.

Lowth himself says, p. 249, that this "inventory as I may call it, of the wardrobe of a Hebrew Lady must from its obscurity have been peculiarly liable to the mistakes of tran-

scribers." This remark of the learned Bishop justifies me in proposing the above emendation.

The tablet 162, 'the jewels of the goddess Ishtar,' from which I have taken the two last words insabati and subibulti, receives a very good illustration from Ezek. xvi. 11, where he describes Jerusalem under the image of a bride dressed out in all manner of splendid ornaments. I quote Lowth's translation, p. 251, of his work on Isaiah:—

And I decked thee with ornaments:
And I put bracelets upon thine hand,
and a chain on thy neck:
And I put a jewel on thy nose,
and earrings on thine ears,
and a splendid crown upon thine head.

Three of the lines correspond exactly to what we find written on the Assyrian tablet:—

Subibulti sha tzuri-sha; inzabati sha uznu-sha; mir raba sha reshdu-sha. And a chain on her neck; and earrings on her ears; and a splendid crown upon her head.

This close coincidence shows how familiar Ezekiel must have been with Chaldwan customs and modes of expression. He was nearly contemporary with this tablet; which may have been written about thirty years before his birth.

- I may add that I was not aware of the parallel passage in Ezekiel when I published my translation of this Assyrian tablet in June 1865, in the Trans. R.S.L. vol. 8. I mention this because some are still incredulous concerning Assyrian decipherment.
- 173. Mamitu. בּץ (בְּבֵּבְּץ. I translated this word 'a Promise' in No. 49 of this Glossary. But it is more than a promise; it is an oath. It is derived from the Ch. and Syr. verb י jurare; whence י juramentum, which is almost exactly the Assyrian mamita. I will give another example of the word. Tiglath Pileser had taken prisoners all the kings of the Nahiri. "But," he says, "I pardoned them;

and I only bound them by an Oath on the great gods, for all future time to submit to my authority." Riema area sunuti; napishta-sun ekhir. Mamit ili rabi ana arkat tami, ana tamu zati, ana ardutti utami sunuti.—Tig. v. 11-16.

Here Mamit 'an oath,' is spelt \(\) \(\) \(\) \(\) \(\) Ardut is homage, prostration, submission; but I think that ardutti means 'submission to me;' the final i being equivalent to the possessive pronoun \(\) \

The Greek Om an Oath, root of ομνυμι, resembles the Chaldee and Syriac για adjuravit (which is a conjugation of και). And if so, perhaps the curious phrase ταμειν όρκια, ταμειν φιλοτητα, 'to swear friendship,' is not unconnected with the Semitic verb tami 'to bind by an oath.' which we have just been considering: φιλοτητα και όρκια πιστα ταμοντες.—Hom. Il. γ 73. Of course the notion of cutting up a sacrifice is also present in the phrase, which may, therefore, have had a mixed origin, partly indigenous, partly borrowed from the East.

174. Shamami. עבן לבב, the Heavens.—Agrees entirely with the Heb. השמים —Genes. xv. 5.

Ishtar sarrat shamami; Ishtar queen of heaven.—Tablet 100.

Itti (signs or wonders, Ch. NN, Syr. NNN)

WEY | Word | as shamami hakkari, [were seen] both in heaven and earth.—Black stone of Esarhaddon, col. iii. 13. The original hieratic text has ri for the last syllable: the cursive is given wrongly.

- I have given in No. 2 of this Glossary another and more abbreviated form of this word.
- 175. Salimat. עולב בון אין, Peace.—From the Ch. and Syr. שלם emph. שלכוא Pax. Habir salimati, la adiru

tukumti; loving peace, but not fearing war.—Stand. inscr. l. 13.

Habir | | A| = III otherwise | A| = III amicus.

176. Nigab. FY Supreme Lord (only in Egypt).

Idi-Bi'il and nigabuti as eli mat Musri askun; I raised Idi-Baal to the supreme authority over the land of Egypt.—Inscr. Tig. Pil. II. 2 R67, 56. Written Fig. Fig. Fig. Fig. Fig. Fig. Fig. This is a very curious word. It represents, if I mistake not, the Assyrian pronunciation of the Egyptian word Néb, 'a Lord,' which is of the most frequent occurrence in that language. It is also found in Coptic as $N\eta\beta$; which Tattam renders $\kappa\nu\rho\iota\sigma$, $\delta\epsilon\sigma\pi\sigma\tau\eta s$, dominus (dict! p. 302). The Assyrians seem to have heard an aspiration in the middle of the word, as if it were nihb or nihab.

177. Nigab, a Priest, or High Priest.

I do not venture to consider this word the same as the last, because it has apparently no connection with Egypt. I am not sure that it meant 'high priest,' yet that may be the sense intended in a very difficult passage of the tablet 162, which I have published in the Transactions of the R.S.L. vol. 8, p. 252 and 294:—

- 1. Alik nigab! pitas-si babati!
- 2. uppit-si ma kima panni labiruti!
- 3. illik nigab iptas-si babati.
- 1. Go Priest, and open the gates for her!
- 2. And take a pledge from her as on former times!
- 3. The Priest went, and opened the gates for her.

For, it appears from the sequel of the tablet that an oath was exacted from the queen, to return the jewels of the goddess which she borrowed.

Pita 'to open' is the Heb. The We find often in Botta's insers. pitic kirubi 'opened earth,' meaning wells sunk in the earth, or tanks to retain the rain-water against dry seasons. Pitas-si, 'open to her!' not pita-si, because the pronoun si being an enclitic, throws back the accent on the former word.

Examples are very common, such as panús-su 'to him;' tsirús-sun 'upon them,' &c. &c.

Uppit 'a pledge,' Heb. עברט verb and subst. Hiph. ינעברט 'to take a pledge from one.' Panni 'times,' i.e. returning occasions, Lat. vices. Heb. כברן 'to turn.'

- Patitsi or Patizi. It's an immense length of time, from the days of Shems-Yem and Ismi-Dagon, eighteen centuries before Christ, until the time of Nebuchadnezzar and probably longer. Before there were kings at Nineveh that country was governed by high priests of Ashur, as is manifest from the following passage: "The temple of Anu and Yem which Shems-Yem, Patitsi of Ashur, son of Ismi-Dagon, who was also Patitsi of Ashur, in ancient times had made; that temple had fallen to decay."—Tigl. vii. 60. And Nebuchadnezzar in the E.I.H. inscr. i. 5 gives himself the same title, viz. Patitsi tsiri, 'High Priest.' And it is spelt in the same way.
 - I suspect that the Patizeithes of Herodotus is not a name but a title, viz. Patizi 'high priest.' We know that he was a Magian priest, and doubtless a man of high station, for he was Comptroller of the King's household when he revolted against Cambyses. And he is called by Ctesias 'Sphendadates,' which is not a name but a Zend title 'given to the Holy One;" see Rawlinson's Herodotus, vol. 2, p. 456. Such a title would be nearly equivalent to 'High Priest.'
- Nuab.

 Nuab.

 Nuab, Vicegerent, vicar, substitute.—This is the Arabic Naib, deputy, substitute, lieutenant; superl. Nuab, viceroy (Gilchrist's Vocabulary, p. 81). Schindler writes the word in Hebrew letters

 Naib, and renders it 'substitutus, delegatus, prorex,' and derives it from the Arab. root

 'substituit, posuit in suo loco,' p. 1084.

Sargina, thus boastfully commences an inscription (R36, 1): Sargina saknu Bel, nuab nahit Ashur; Sargina the Viceroy of Bel, the glorious Vicegerent of Ashur..... Similarly Nebuchadnezzar boasted to be "the mortal Image of Marduk" (see Art. Bila, No. 160). And similarly the successors of Mahomet took the title of Caliphs, i.e. his Substitutes or Vicegerents, from the Arab. Caliph program successit in locum alterius, vicem gessit.—Sch. Even the present Sultan of Turkey has for one of his titles 'the shadow of God.'

Saknu. \(\psi \rightarrow\rightar

Saknu Bel, Viceroy of Bel, was a title of Sargina (see the preceding article). Botta's inscriptions often read Sakan Bel

instead of Saknu Bel. The Chaldee Sagan

is nearly related to the Assyrian Sakan, for Gesenius interprets

Vicarius (principis), and thence Prætor, Præfectus provinciæ, quoting Ezra ix. 2, &c. &c.

- In 2R25, 21 Yell Yell Yam Belna is explained Agie billuti, crowns of lordship (or high rank). And in the next line Yell Yell Nam alik pani is explained Agie sarti, crowns of royalty. Alik pani means 'a Leader, General, or Sovereign;' it is literally 'one who goes first,' from alik, Heb. 'to go,' and pani, Heb. 'before.' It is a very common title. In the P.C. language it is generally rendered Yell because (answers to the Assyrian pani, and (to go) is in Assyrian alik. From this word Yell nam 'a head dress or coronet,' we easily see why an Assyrian governor or other nobleman was usually called a bel nam

-II -Y<Y. This means 'possessing the Nam,' having the right to wear it; decorated.

183. Namut. The distinction of wearing the Nam (see the preceding article).

184. Nebushasban. A Chaldean Proper Name.—It is one of great interest, being mentioned by the prophet Jerem. xxxix. 13. "So Nebuzaradan the captain of the guard, and Nebushasbanand all the king of Babylon's princes; even they sent and took Jeremiah out of the court of the prison." The Hebrew text of the Bible has ברעונון,

Of this name Gesenius and Furst give different etymologies, taken from Persian and Sanskrit, and altogether inadmissible. The meaning of the name is to be sought in the Semitic languages. I have already stated in Articles 164 and 165 that the Assyrian gives the most simple and natural meaning to these

names. It is easy to see the meaning of Nebushasban in Assyrian, but I did not give it in Art. 165 because at that time I had not met with the name in the Assyrian records.

Nebu-shazib-ani means 'Nebo save me!' This verb occurs under the form suzib anni property preserve me!' in the inscription of Nabonidus ii. 20. Recently, however, Mr. G. Smith has discovered the name of Nebo-sezib-ani on a tablet in the British Museum. This Assyrian name was given as a compliment to the son of Pharaoh Necho I, king of Egypt, at that time a subordinate king of the city Athribis, but who afterwards apparently ascended the throne of Egypt by his native name of Psametik I (see G. Smith in Lepsius Zeitschrift, p. 96).

- 185. Yami.
 | You | You
- Tie beams. Heb. Igavit, superalligavit, superimposuit, clausit, compegit (Sch.). Botta 46, 59, "I laid its roof with khibishti of the land of Khamana (Mount Hermon)." These were always of fine cedar wood.

Irsu mudu, the wise king [whose mind is full of divine thoughts inspired by the god Bita].—B.M. 43, 3. Compare this with B.M. 41, 20: "Then I, Sennacherib asharaddan malki, the first of kings, mudie miri kala ma, who understand fine works of every kind [made great figures of Lions such as no king before me ever had made. And with the profound thoughts which the god Bita gave me I formed a plan in my own mind how to execute this great work]. I have abridged a little.

Here mudie is written $\begin{align*}{ll} & \begin{align*}{ll} & \begin{$

I translate kala ma 'every kind' because I think it is the same phrase which is found in the name of one of the Palaces. Haikal pakidat kala mu, the Palace of protection of every kind, i.e. in which every kind of useful thing is stored up or cared for [as was in fact the case, for it comprised all manner of public offices and departments]. See Esarhaddon vi. 26 for this name of the palace.

188. Tila. Life, or Health.—In Art. 38 I considered the phrase II and I said "the word ti is perhaps the abbreviation of some longer word." I have since found that it stands for Tila, used apparently in the sense of 'health.' The following passage seems decisive on that point; it occurs in a prayer for the prosperity of King Ashurbanipal, 2 R 36, 20. "I sacrifice to the gods II with sum.'

Another example is found in R6, No. 7, where Sargina builds a temple, 'ana tila-su,' pro salute suâ; dimu zir-su, the tranquillity (or security) of his race; tsidiki sha Ashur-ki, the just government of Assyria; salam Ashur-ki, and its safety.

entirely with the Heb. 'a gift.' Mitinna was the name of a king of Tyre who paid tribute to Tiglath Pileser II, see 2R67, 66. His full name was doubtless Mitinna-Bel, 'gift of Bel;' but we see by many instances that names were shortened

in common parlance by omitting the name of the god, or in some other way. Thus we have Zabdan which, spoken full, was probably Nebo-zab-dan, 'Nebo has given a warrior.' Elsewhere (R 41, 23) we have Umman-minan, king of the Susians, addressed by an ambassador simply as "King Umman!" And so also if I am not mistaken, Ahaz, king of Judah, had in his youth been called Jeho-ahazi (Jehovah is my possession); see Art. 135. And so Nigas (probably for Khumba-nigas) is the name of a foreigner on the Zaaleh stone.

190. Mitinti. Y- Y< ETTY Y<, a Gift.—This is another form of the last word. Sometimes the first letter is <E. Mitinti king of Ashdod is named in R38, 51. He submitted to Sennacherib, and was rewarded with several cities taken from Hezekiah; see R39, 24. He probably rendered still further services to the Assyrians, for in the days of Esarhaddon we find that he was king of Ascalon (R48, 4).

Mitinti is probably a contraction of Mitinti-Bel 'gift of Bel.' Another form of this name Nidinta-Bel is found in the Behistun inscription, l. 34. The root is natan 'to give.'

191. Rabshakeh. Ext EV - VIII. And the king of Assyria sent Rabshakeh from Lachish to king Hezekiah Then Rabshakeh stood and cried with a loud voice in the Jews' language—2 Kings xviii. The above is one of the most familiar passages of scripture. Schindler and Gesenius explain the name Rabshakeh by 'princeps pincernarum,' that is 'Chief Butler, or Cupbearer.' By a curious coincidence when Tiglath Pileser II. sent an envoy to Mitinna king of Tyre to demand tribute (2 R67, 66) he says: "I sent an officer who was a Rabshak to the city of Tyre." The verb employed is EW ashbur 'I sent an Envoy.'

I feel some doubt about Rabshakeh being the 'Chief Butler.'
The meaning seems incongruous, for why should a 'chief butler'
be the chosen envoy in two instances? Some light is thrown
upon it by the gloss in 2 R31, 34, which explains 'the rank of
Rab-sak,' or \(\) \(\) \(\) \(\) \(\) \(\) The

In the story of Joseph (Genes. xl.) the 'chief butler' has a very different name, Sar ha-meshkim שרר דוכועקים.

Again we find Sakku explained EXX Barra in 2R36, 3. And the latter word (which is often reduced to its first sign) signifies 'chief' or 'first.' Hence Rab-Sak would be 'great Prince.'

192. Chedorlaomer. A celebrated king of Elam in the days of Abraham (Gen. xiv.).—Many conjectures have been offered respecting this name. The first part of the name is written ידר in the Hebrew text of Genesis. I think it is the Assyrian Kudur, and that it probably means 'King.' There was an ancient king Kudur-mabuk whose inscription is given in R, pl. 2. His name seems to mean 'King,' with an unknown adjective added. This kudur seems to represent the Arabic יף 'potens,' whence און הור 'kudir 'potens,' הור 'potens,' ברר (Schindler). Gilchrist's Vocabulary, p. 210, has qudur 'rank, dignity, greatness;' qadir 'powerful;' al-qadir 'the Almighty' [hence the name of the celebrated Arab chief Abd-el-Kader, 'servant of the Almighty']; qudir 'powerful, Almighty;' qudrut 'power, omnipotence, providence;' qudruti adj. 'divine.'

Supposing, then, that this is the meaning of the first part of the name, let us go on to the remainder. The name is written in the Greek version of the LXX Χοδολλογομορ: in the Vulgate Chodorlahomor. Admitting (from what has been said) that the first part is אָרָר, the name will be אָרָר, with the epithet λογομορ. Now this adjective lo-gomor is pure Assyrian, la-gamar 'living for ever.' I have shown in Art. 160 that la-gamar in Assyrian answers to 'nu-bila 'everlasting' in P.C. and that one of the principal gods had the title of Aga-nu-bila

'king living for ever.' This translation is repeated three times in the plate 2 R13, so there can be no doubt of its correctness. The pompous title of Kudur-la-gamar 'king living for ever' is in accordance with the inflation of Oriental style. See for instance the book of Daniel. 'Then spake the Chaldwans to the king in Syriac, 'O king LIVE FOR EVER!' Even at the present day the Shah of Persia is styled 'Centre of the universe!' and the Sultan of Turkey, 'Shadow of God!'

- In the same passage of Genesis is named "Tidal king of nations." This name is admitted to be incorrect. The LXX have $\Theta a \rho \gamma a \lambda$. It appears to me that this name can be well represented by the Assyrian E = V Tar-gal 'great Chief,' a title very similar to E = V V Tartan, and having the same meaning.
- In the same passage is named Amraphel king of Shinar. Shinar or Σεννααρ τις is rendered Βαβυλωνια by the LXX and γη Βαβυλωνος. The meaning of the name is uncertain. Gesenius says "Origo latet." Nevertheless I think it probable that it means 'the two rivers' or Mesopotamia, since it was the level alluvial plain between the Tigris and Euphrates. From the Heb. τις οτ τις 'two' and τις 'a river,' Σεν-νααρ. [I have since found myself anticipated in this conjecture by Professor Rawlinson in Smith's dict. of the Bible.]
- 193. Sibuta. (ארבין, otherwise Sabuta ליבין, Old Age.—Agrees exactly with the Chald. מיבות 'senectus, canities,' which is also written שיבות. Schindler says that חקבה denotes a more advanced old age than ייבות. The latter term is applied to a man 60 years old, while שיבות denotes (juxtà Hebræos) an age of 70 years. But it is evident that this is a mere Hebrew fancy, resting only on the resemblance between שיבות and the word ישבע 'seven.' This numeral takes the vowel i in Assyrian (see Siba 'seven,' No. 196).

Examples of this word.—In R15, 54 the king celebrates the praises of his ancestor Ashur-dayan (whose name signifies

The word sibuta is derived from ID or IW canuit, consenuit: otherwise written IND or INW. When used as a substantive this word is rendered 'senex septuagenarius' by Schindler. As a verb, it appears in one of the oldest inscriptions, that of Khammurabi. That ancient king built a Castle, and he concludes his inscription with a prayer that it may 'last for many ages,' or perhaps 'grow old in glory,' in kibrati lu-shaib!

In an invocation to the goddess Beltis, 2R66, 5, she is called "Queen of war and battle, 'sha balu-sha as bit-khira sibthu val imagaru,' whose power in Heaven old age will never destroy!" Here I have conjecturally rendered Bit Khira 'Heaven.' The parallel passage in the other invocation to Beltis, quoted by Norris, dict. p. 91, has 'balús-su as shamami' $\rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \downarrow \downarrow \downarrow$ 'her power in Heaven.'

Imagaru is the Chald. magar לכל 'to destroy.'

194. Sibu. (אבר, a Grandfather.—This word is evidently derived from the last, viz. Sib (old); Sibut (old age). Heb. איר (Senex,' see Job xv. 10. ישיבה and ישיבה 'gray hairs.' "If mischief befal him, then shall ye bring down my gray hairs with sorrow to the grave." Genes. xlii. 38, sibut-ya 'my gray hairs' ישיבהרי.

A good example of the word is found in 2R33, 10, where it occurs among many similar phrases: Y Y Y Y Y Y X I ana sibuti-su, to his grandfather. The meaning is well ascertained by the preceding phrases, viz. 'to his child; to his son; to his brother; to his father; to his grandfather;' all which are rendered into Proto-Chaldæan in the opposite column. The P.C. for 'grandfather' is Abba.

- 195. Sibta. (Y- Y-Y) EEY, a Grandmother.—Feminine of the last word. It occurs in a gloss in 2R32, 65 (unfortunately partly broken), which, compared with the following, shows that Sibta is equivalent to Umma raba or Grandmother EYY EY-. It is also made equivalent to YY-Y 'mother,' followed by the epithet YEYE sik or sak, which is perhaps an abbreviation of the Heb. zaqna yo' 'old.'
- In 2R19, 14 the numeral $\frac{1}{1}$ is rendered Siba. So also in 66 of the same plate (in a different phrase). And in the first line of Bellino's inscription we find 'arkhi sibuti' $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ in the seventh month. And on tablet K 1, last line, $\frac{1}{1}$ $\frac{1}$
- Deities.—The inscription of Tiglath Pileser and several others commence with a list of the principal gods of Assyria, generally about twelve or fourteen in number. In one of these lists the name of Sabbi occurs, on the unpublished tab. 100, otherwise 73a. This is a proof of his high rank in the celestial hierarchy. In the tablet K, 255 his name occurs coupled with that of the god Anu. The tablet K, 252 contains a copious list of the families of the gods. From such lists as these the ancient Greeks may have borrowed some ideas, and we may see in them the first germ of Hesiod's Theogonia. In this tablet Sabbi stands conspicuously at the head of his family, who are named in a compartment of eight lines, the last line of which is 'Ili sha bit Sabbi,' these are the gods of the house of Sabbi. In the name of this god, the number seven W stands conspicuous (see the

- preceding article). I have suggested in the Trans. R.S.L. that he may have ruled specially over the seven planets, and that his worship may have been connected with that of Sabazius, an Oriental deity. It may be remembered also that the worshippers of Dionysus gave him the mystical title of $\Sigma a\beta o\iota$ and shouted during the orgies $Evoi\ \Sigma a\beta o\iota$!
- 198. Surmat. A crebellion.—Heb. The 'rebellious,' related to to rebel' (Furst's lex.). If (\text{in the property is the Arabic verbellion (Opp. Khors. pl. 6, l. 51). Amish 'purgavi' is the Arabic verbellion' (purgare.' The Hebrew has not the verb, but has the derived substantive 'purgatio.'—Ges.
- The present spelling is an important variation. The sign E, though its normal value is Ku, is frequently to be read Su. In R42, 53 Sennacherib speaks of his palace. After mentioning the gates he says "I made noble figures of the divine bulls formed of stone from the province of Balada, and I set them on the right side and on the left."

 | The conjunction (and) is misprinted in the lithographed text. In writing the sign E Su it sometimes happened that the broad ends of the horizontal wedges coalesced at their points, and thus formed a continuous line. In this manner the sign E became E or at least not easily distinguishable from it; and thus, if I mistake not, the scribes got into the habit of writing F for Su in certain words.
- 200. Karaz, a Proclamation.—"Useful works.... such as purifying the river, and digging wells for the use of the citizens, they (the kings my ancestors) never thought of doing, nor ever issued such decrees." Passages similar to this, but varying slightly in the expressions employed, abound in the inscriptions. Valustabil karaz-zu, they never made proclamation. Karaz is the Ch. אור יף proclamavit.' From hence is derived the substantive אור ברה ביי (præco' a Crier. This karuz is the origin of the Greek Κηρυξ 'a herald' or 'public crier,' of which the Doric

form Kapu was probably the original one. Equally interesting is the verb ustabil, which is associated with karaz-zu. This is the istaphel or ST conjugation of the verb בל, and בל is 'to make proclamation by sound of trumpet.' Such proclamation was the יובל or בל yubil so familiar to us in English and German under the form Jubil.

In 2R43, 42 (ustabilu karaz-zu' merely means 'he gave orders,' viz. to create a library of useful knowledge, by inscribing the clay tablets, of which so many fragments have been found. This passage makes me doubt whether karaz-zu is not rather the Heb. (1) 'to speak aloud; to command;' so that karat would be a substantive meaning a 'command.' This verb is related to though beginning with a different letter. The LXX renders both of them by κηρυσσειν. In Bellino line 41 the word ustabil is written (1) bil lu.

- 201. Sharut. A Type of the No. 7. Instruction.—

 Dibbu sharut isthur iznik ib(ri); Tablets of instruction he wrote, &c. &c.—2 R 43, 42. This phrase often occurs. The usual spelling is sarrut Type of the No. 7.
- 202. Lagamar. A deity of the Susians, named, with many others, on the tablets of Ashurbanipal.—This word suggests a different explanation of the name of king Kudur-lagamar (Chedorlaomer) from that which I gave in Art. 192. Perhaps it is a purely Susian name, meaning Servant or Worshipper of the god Lagamar. Similar names were borne by two other kings, Kudur Nakhundi, and Kudur-Mabuk. This meaning of the word kudur in the language of Elam is, however, merely conjectural, and based on the analogy of names in other languages, as Abdallah, Abd-Istarte, Abed-Nebo, Shemesh-Bar (servant of Bar), &c. &c.
- 203. Salam, Peace.—The following passage was omitted in Art. 175. In Opp. Khors. 10, 90 the king of Ashdod rebels against Sargina, who subdues him and makes Akhimiti, his brother, king in his

stead. But the people of Ashdod refuse to receive him, and elect as their king a native of the province of Yaman, who had no right to the throne (la bel guza). Then follows (line 97) "In sukhut libbi-ya, in the vigour of my heart; gigir ummani-ya val upakkhir, I assembled no army; val akzura karasi, I collected no baggage; itti kuradi-ya, but with my soldiers; sha ashar salmi itti-ya la ipparku, who in time of peace had not quitted my standards; ana ir Ashdudi allik, I marched to the assault of Ashdod." These soldiers were his body-guard, who were never disbanded.

for 'tempore pacis.' Itti 'standards,' Ch. The 'signum militare,' which the scribes often confused with The manus, because 'troops' and 'standards' are cognate ideas. But, if preferred, we can translate "who had not quitted my side."

Dapinu. The king named A had apparently been attacked by an illness. The magistrates of the cities raised a statue to the god Nebo, imploring him to send health to the king. The inscription on the statue is given in R35, No. 2. It begins: "Ana Nebu dapini, unto Nebo the physician [we dedicate this statue]." The word is explained as follows in the gloss 2 R48, 50:

is, I suppose, of the same origin with Heb. It or It or It of bonus; 'to do good' to a sick person might be used for 'to heal.' This gloss about 'medical waters' will, perhaps, enable us to go further in explaining this inscription, R35, No. 2. The word shakie follows. Ana Nebo dapini shakie; perhaps this means [Lord of] medicinal draughts, from the Heb. 'potus' or 'potus' a draught.—Ps. 102, Hosea ii. Nebo is next called tarbit sakkil, which I think may mean learned and wise. Tarbit generally means 'educated;' here I would say 'learned.' Sakkil is the Ch. 'Sakkil or 'Sakkil o

The Talmud uses $\lambda = 0$ for the Greek $\delta a \phi \nu \eta$ a bay tree. I think there may be some connection, because Phæbus was a skilful physician, $\iota a \tau \rho o s$ $\sigma o \phi o s$, says Aristophanes. Indeed he was the same as $\Pi a \iota \omega \nu$, who was the great physician of the gods. It is possible that a branch of the $\delta a \phi \nu \eta$ hung out indicated the abode of a physician.

Dapinu in 2R31, 70 stands opposite to emamu, but the two columns are independent and unconnected lists of verbs, and both are in Assyrian.

- 205. Nu-bila (see Articles 159, 160).—I will here add some further evidence. In 2R18, 19 we see that the P.C. monogram with the result of the property of the property of the property of the monogram used in that sense on the Michaux stones. Now when this monogram is followed by when it is explained in Assyrian by simu gamru, a sale which will cease, or a temporary sale. But when it is followed by when it is fo
- exactly with the Arab. (cum, quando). Enuma haikal satu ilabbiru innakhu, when this palace shall grow old and decay.—Bell. I. 63. Enuma, &c. &c. When Ashur-danin-a, in the days of Salmanubar his father, raised an insurrection, &c. &c.—R32, 39. I will add a curious passage from tab. 173, in which

the word FYY FY occurs four times without any variation of spelling, and its meaning admits of no doubt:—

- 1. Enuma tallaku urukh-ka,
- 2. enuma tibbiru naru Khubur,
- 3. enuma tallaku tsir,
- 4. enuma tazakkibu bula,

When thou goest thy way.
when thou crossest the river Khubur.
when thou goest beyond (i.e. the Sea).
when thou......

N.B. I have omitted several intermediate lines.

In the above, tallaku is twice spelt - | | | | ; tibbiru nearly as in Art. 55, which see. Tsir is written which frequently means 'beyond,' and is used as a preposition. Going 'beyond the Sea' is meant, for a mention of 'ships' follows. 207. Bilat. בלר, Tribute. — Agrees with the Ch. בלל. Ex. gr. "Bilat of the kings of Syria and of the kings of Aramæa and Chaldæa."—2 R 67, 74 (the first have the title sarini, the others only malki). Sometimes spelt $\longrightarrow \models \mid \Rightarrow \mid \mid$, ex. gr. Bilat mada, the great tribute.—Phill. iii. 21. bilat-zun kabitti, their abundant tribute.—Phill. iii. 53. were carriers of it from Jerusalem to Nineveh).-R39, 33. TY SETY TO natar bilti, to pay tribute.— Opp. Khors. 10, 90. Bilut u mandatta, tribute and presents.— R46, 58 (spelt).

mati u tamati, of land and sea; 2R67, 85.

had the substantive (see Art. 130). The verb is seen in the name of an ancient king of Assyria Ashur-utila (Ashur gives life), 2 R65, 8. Ubullat is a similar verb, whence the names of the Eponyms, Nergal-ubullat (Nergal gives life), 2 R68, 38, and Im-ubullat (Im gives life), 2 R69, No. 3 obv. Both the Sun and Moon were life-giving powers, see the art. Sanballat, No. 165, and the following passage:

That man, may the Sun give him life! 2 R18, 55. Here the P.C. version has

209 Lakhari, Tranquillity.—I think this word is the contrary of khari 'disturbance' (whence takhari 'battle'), but I am not sure about it.

The word is also found in the name of one of the Eponyms (2R68, No. 2 obv.), () Dimu u lakhar (probably pronounced Dimu-lakhar), meaning 'Peace and Tranquillity.' The word Dimu is very frequent in the sense of 'peace' or 'repose,' especially when prayers are offered up for the health of the king and the dimu or 'repose' of his family (see the art. Dimu, No. 139).

- \rightarrow I often means "and." When so used, Norris transcribes it adi (dict. p. 84). I believe he is right, but $\langle (u) \rangle$ was probably substituted in reading the name as more euphonious.
- "Peace and Tranquillity." As the Eponym gave his name to the year, he may have adopted this name during his year of office, boni ominis causa. His real name may have been quite different, and perhaps was thought unsuitable or unlucky.
- As izmi sha Uramazda, by the power of Oromasdes. This phrase occurs continually in the Behistun inscription. The meaning of the word is well shown in the name of an Eponym in 2R69, No. 4 obv. Khiga-izmi-bitkhira, who is named again in pl. 68, No. 1 reverse, but this time the word \(\sigma\) \(\sigma\) \(\sigma\) izmi is changed for \(-\sum\) \(\sum\) \(\sum\) ubu, 'king' or 'powerful chief.' I translate the name, "Good is the King of heaven," meaning Ashur. Compare many other similar names, especially a Babylonian one on the Mich. stone, Khiga-sab-Marduk (Marduk is the good king).
- 211. Salmanubar. () the E | the the the celebrated 'Obelisk King.'—He is called Shalmanubar by Rawlinson (Herod. Vol. 1, p. 462). With less probability he is named by Norris and Oppert, Shalmaneser.

I have in vain (until lately) sought for any evidence in cor-

roboration of either of these names, but I now find, on comparing two lists of Eponyms in 2R, pl. 68 that the same man is called saviour) in one list, and > + </> other. Now I ani and --- anni are variants of the same word, as appears by numerous examples in the lists of Eponyms. Consequently (must have the value ?- ()sallim and the meaning 'to save' or 'to give peace or rest.' Another very similar example is found in the name of the Marduk-sallim-ani, which in another column is written (>>-| (| is equivalent to ?- </->
* sallim. Accepting this new value of
* the name of the Obelisk King (will become Salimmanubar, or Salma-nubar, somewhat (though slightly) resembling Salmaneser. Another argument tending in the same direction may be stated thus:—The setting of the Sun, which may be considered as his 'repose' or 'rest,' is called in Assyrian both salam shemsi and dimu shemsi (see Art. Dimu, No. 139). we have the same equivalence as before of the syllable and salim.

- 212. Ashur-danin-ani. >>\times \times \times
- An Eponym in l. 7 of same plate 68 has the analogous name Nebo-danin-ani (or anni in l. 27 of another column).
- 213. Ashur-shazban. -- X & No. 2 obv. l. 26. This proper name of an Eponym, meaning

- 'Ashur save me!' is worth notice, as illustrating and confirming the account which I have given of the biblical name Neboshasban (see No. 184).
- Minassi. Y- Y Y, Manasseh, king of Judah; Heb. This name, according to Gesenius, signifies 'Amnesty,' or 'Oblivion;' for, at the time of his birth Hezekiah hoped to reconcile all parties to his rule. The facts of his life are much disputed by theologians. He had certainly on one occasion a personal interview with Esarhaddon (apparently in the Palace of Nineveh), see R 48, 2. "I assembled 22 kings of Syria, and the sea coast, and the islands. And I passed them in review (or laid my commands upon them)." \[\text{Y} \text{Y} \text{Y} \text{Y} \] and \[\text{YY} \text{Y} \text{Y} \text{Y} \text{Y} \] and \[\text{YY} \text{Y} \

I think that la rash is the contrary of rash 'a friend.'

216. Suk. YY, Wet, Watery; Filled with Water.—The Chald. verb suka with when said of a man, means 'to drink:" of a flock, 'to be watered:" of land or soil, 'to be irrigated' (Schindler). It is remarkable that the symbol YY is composed of YY (the sign for water), placed within a field or enclosure (see next article). Compare also the Heb.

- 217. Gi. No., a Valley, or Wet Bottom.—So Norris (dict. 156), who compares the Heb. No. 'a valley,' no doubt correctly. Again, the syllabary 366 renders No. a valley,' no doubt correctly. Again, the syllabary 366 renders No. a valley,' or gie by kitu, which, as Mr. N. observes, means 'the earth.' I will add that kitu also means 'down,' or anything that is 'low.' Now, in the preceding article we have suk 'watery.' These two words put together make gi sukki No. are marshes (first correctly translated by Oppert marais). Mr. N. remarks that No. a and No. are separate words, because they are in separate lines on the stone. Example R 46, 54. The Gambuli tribe (in lower Chaldes near the sea) are described as dwelling 'like fishes,' kima nuni, in the waters and marshes No. a mie u gi sukki. It is added, that their territory extended twelve kashu.
- 218. Masak. Ey | | the Skin.—Agrees entirely with the Chald. This word was first explained by Oppert. Masak-su akutz, 'cutem ejus detraxi;' Opp. Khors. vi. 4 and vii. 1. The verb is here spelt | | E | { | < | .
- 220. Shadu. ☐ ► IVE, a King.—This is the Heb. ☐ dominus, fortis, potens. Bagdatti, the Shadu (or king) of Isdis. Opp. Khors. vi. 3. The term ☐ ► IVE is very frequently applied to the chief of the gods, ex. gr. R37, 10, where Sennacherib

says: Ashur shadu rabu, Ashur the great King; sarrut la shanan usatlima annima, has given me a kingdom which is unassailable. So also the Hebrew uses της as an epithet of Jehovah, Job v. 17, &c. &c. Our version has 'Almighty,' and 'Shaddai.' LXX παντοκρατωρ. Vulg. Omnipotens.

- I am at present rather inclined to explain the second (or less frequently used) name of Nebuchadnezzar, viz. Nebushadu-ussur, 'Nebo protect the King.' His principal name, Nebo-kudurri-ussur appears to have a similar meaning, see Art. 192 for the word קדר 'powerful.' It may be 'Nebo protect my crown,' or 'my royal power.'
- - I do not find this verb in Hebrew. I think it may be the Persian bashiden, to dwell or be. Bas a dwelling-place, home, residence; bash being, living, existence (Gilchrist's Vocab. p. 70).
- 222. Dalu, to Sell.—Ittadalu 'he sold.' Schindler, p. 390, gives the Arabic (which he reads dalal and dal), and explains 'he sold by auction.' His words are 'per præconem res vendidit; auctionatus fuit; hastæ subjecit; publicavit bona.' He also gives the conjugation astadal having the same meaning. This word occurs on the tablet 2R13, 30. 'Bit ana kaspi ittadalu,' he sold his house for silver (or money). This is followed in four separate lines, by 'he sold his field for silver,—his wood or plantation—his female slave—his male slave.' The original terms are these:

 YYYY 'field,'

 Figure 1990, gives the cold.' Schindler, p. 390, gives the Arabic (which he reads dalal and dal), and explains the sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auction.' His words are 'per præconem res vendidit ; he sold by auctio

'wood,' \(\) \(\

The only difference is, that the male slaves are now named These five things are called tsibit kaspi-su 'his valuables' (literally res argenti sui). Tsibit being the Chaldee יצבורן 'res, negotium' (Sch. 1513). We have had the word before (see in Art. 127 Kamu tsibitti-sun). These valuables of five kinds, the tablet says (1.29) 'ana manzazani uzziz,' he put up to..... (perhaps to auction). The word manzazan is unknown to me, but probably comes from the same root as uzziz 'he set up,' Heb. 'firmavit,' a root exceedingly common in Assyrian. Manzaz would be a substantive formed from this root. light is thrown upon it by 1.20, which speaks of the 'sale' (simat) by the manzazan, which I take to be some sign fixed up indicating 'a sale;' perhaps it was a spear fixed in the ground and bearing a flag (compare the Latin expression hastae subjicere, to sell publicly). Cicero says: Sylla ausus est dicere, hasta posita, cum bona in foro venderet, &c. Emptionem ab hastâ (Nepos). Ibi nunc ad hastam locamus, we let by public auction (Livy). Sub hastâ venditis (Tacitus), &c.

I do not find the verb zahin in Hebrew. It is the Arabic Zain زير; 'an ornament.'

- 225. Thup. YEY = (adj.), Good.—Agrees with the Heb. Donus. The meaning is ascertained from R16, 61, where it is made equivalent to the P.C. khiga (good).
- 226. Dabu. Eyy y (adj.), Good.—Closely related to the preceding. Sha erit-zun dabu, whose forests are good.—R39, 23.
- 227. Dabish. בֹּלְלְ בֹבְלְץְ (adv.), Well.—Heb. מורב bonus. Dabish upakhir, I well collected, I skilfully assembled (said of precious objects of art).—Phill. iii. 24.

In R16, 62 it is spelt TY KY Dapish. "May the gods protect him well! (dapish lattarru-su)." Here the other copy reads khigaish (see the next article).

Ex. gr. 2R67, 15. "All the land of Chaldea I swept completely bare, khukharish askhup." First, as to the verb askhup 'I swept.' This is the Heb. [77] 'to sweep away.' Furst's Lexicon, p. 975; Gesen. p. 708. It occurs again in the same page, l. 13: 'kima sapari askhup,' I swept away (all that tribe) like shavings of wood. See similar passages in various inscrip-

tions, ex. gr. 'I left the land of Illipi a desert." "Not one soul was left." "Not one tree was left," &c. &c. The very curious adverb khukharish seems to be a proverbial expression, composed of khu > \(\sqrt{\cappa} \) 'a bird,' and kha \(\sqrt{\cappa} \sqrt{\cappa} \) 'a fish,' which are very commonly joined together in the inscriptions. Hence khukharish askhup meant "I swept off both fowl and fish," that is "I swept away everything." "Nothing was left alive." This adverb occurs again, same page, l. 32: "Those districts of Media khukharish akkir." This verb akkir may come from nakkir 'to destroy.' Initial N is often dropped in the verbs.

- 231. Haggarish. $\leftarrow \checkmark / \sim 1/ \rightleftharpoons (adv.)$, Down to the Ground: from haggar 'the ground,' for which see Art. 109.

Haggarish ibbul, he destroyed it down to the ground.—Botta 87, 5. Another example in 2R67, 21: 'I levelled that city with the earth."

frumentum, fruges, annona, cibus. "May the god Sanna destroy all his cornfields! akilu bari lilabbit-zu;" from Heb. 'periit,' R70, col. iii. 19. Another of the Michaux inscriptions gives a different phrase, "May the gods destroy all his cornfields! gimir lani-su lilabbit-zu." Sanna - (() may be the god of the Year; see Bellino, l. 49, where Sanna (so spelt) signifies 'a year.'

- 234. Lani, Cornfields.—The meaning is manifest from the parallelism of the passages adduced in Art. 232. It appears that the Assyrians said lani for lami (so they changed N for M in many

- other words). Lami would be the Heb. כרום 'Corn' (triticum, Ges. p. 529). Isaiah xxviii. 28 has לרוכן יורק the wheat is ground. The Greek λαιον, ληΐον, a standing crop of corn seems related to Lani.
- 235. Takhumu. Tyll I in the Terms of a treaty; or the bounds, limits of territory agreed upon therein.—Agrees exactly with the Chald. The terminus, finis; from the verb terminavit, definivit, descripsit, &c. Examples from the Synchronous History, 2 R 65, 5: Butzur-Ashur (i.e. Rampart of Ashur) king of Assyria, and Burna-burias king of Kardunias (or Babylonia); itmu mizri takhumi, wrote down the boundaries and limits of their countries; annama ukinu, and made a treaty of peace. Again, l. 45: "The men of Assyria and of Kardunias, itti akhati mizru takhumu, agreed with each other and defined their boundaries."
- with the Heb. ¬¬¬¬¬¬ medbar or mudbar, 'a desert.' Mutbara azbat, I marched into the desert.—R13, 45.

Khuribta azabta, I marched into the desert.—R 24, 28. [Azabta and azbat are varieties of the same word.] I slew wild beasts in the desert, in khuribti.—R 14, 63. Spelt – Y<Y = YYY - XY.

238. Khinki.

ETTY E, the Narrows: the narrow part of a river where it is confined between two hills.—Agrees with the Heb.
Heb.

239. Mut. A, Death.—The same in Hebrew mors.

Usasdir and mut, I sentenced them to death.—Bl. Stone of Esarhaddon, iii. 24. Mutu sinu asarrak sunuti, a bad death I gave to them (example quoted by Norris, p. 434). The word is here spelt \Rightarrow \langle \rightarrow \models \models \models \models \models The next example of the word which I am about to adduce appears to me a very curious one. Herodotus relates that Cambyses killed himself, but that he did it by accident (Herod. iii. 64). The Persian inscription at Behistun, however, uses words which suggested to Rawlinson that Cambyses really intended suicide. I will copy the note in his Herodotus, Vol. 2, p. 459: "The words of the Behistun inscription cause a suspicion that the death may have been a suicide. Cambyses, it is said, after the whole empire had revolted, 'self-wishing to die, died' (uvâmarshiyush amariyata)." At the time when this note was written the Assyrian version was not well understood, and is, therefore, not referred to by Rawlinson. Let us, therefore, now consult it. Arku Kambusiya mitutu ramanni-su miti. 'After this Cambyses died from a It will be observed that the last letter is doubled in mitut. I will give another example of this usage. "The king of Susa after his defeat only lived three months, and was then put to death, AH KEY AY imtut."—R41, 2. So in Hebrew מרתת 'to put to death' (Ges. 558).

We also find Mat $\succeq \bigvee \succeq \succeq \bigvee$ 'Death,' ex. gr. Mat sarri $\succeq \bigvee \succeq \bigvee \langle \langle \rangle$, 'the king's death.'—2R16, 42. As the passage is a very curious one, I will give it at length. It relates to a kind of sortilegium, or speculating on future events by drawing lots:—

- 1. ↑Y- ∠Y YY EY EEY << Talkâ mat sar
- 2. YEYY YEY <=Y\\ lukul!
- 3. Y- YY -YY Talkâ bullut
- 4. Ell Fr luskun!

- 1. If thou castest the lot of the king's death,
- 2. May it be false!
- 3. If thou castest the lot of his life,
- 4. May it be true!

The sign > is doubtless to be read tal, as in line 14 of the same page 16, tallik, 'thou goest.' This value was first pointed out by Rawlinson, and is confirmed by Syllabary 563. Lukul probably from 503 'to be false.' Luskun, 'may it hold fast!' 'may it be firm!' from שוכן stabilire, 'to fix.' The P.C. word for 'death' was durga, 2R16, 42 and 2R17, 39, where it answers to the Assyrian verb

| יוֹקר imut. Talkā is from Heb. לקרן, Gr. λαχειν. It appears to me that the single sign * Mat sometimes signifies 'death.' In 2R65, 45 we read "In the days of Salmanubar king of Assyria, (Marduk)baladan [or possibly Nebo-baladan] who was king of Kardunias died, and Marduk-mu-mu ascended his father's throne. 'He died' is expressed by 💢 🚉 🖂 mat-su e The verb, beginning with e, is unfortunately lost, and I am unable to supply the defect. The reign of Marduk-mu-mu is likewise commemorated on Salmanubar's Obelisk, line 73, but nothing is there said of his father's death.

- Marusta. EY SYYY SY, Perilous, Awful.—Arrata marusta liruru-su, may he curse him with awful (or perilous) curses! R16, 76, where the last sign is SYY. The meaning of the word appears from 2R17, col. ii. 27 and 55 and 56, where the comparison of the P.C. shows that marusta and muruz SYY (SY) are both derived from the common adjective marzu 'dangerous,' of which the symbol is (SE). The root marzu SY is found in lines 45 and 50 of the same column.
- 241. Sutta. EY Y EEY, a Dream.—I propose this word for examination. The Hebrew is sunta, but I think this was pronounced sutta, just as pronounced 'a daughter' was pronounced Bath (dropping the N before a T); and in Assyrian from laban 'a brick' we have the very frequent word libitta

- bricks.' In the prayer 2R17, 28, which may be called the Assyrian Litany, we find the following clause: "Sutta nu damikta, from dreams that are unholy (or unlucky) O king of heaven defend us! O king of earth defend us!" The P.C. translation of this is fortunately preserved. Nu damikta is rendered of the content of this is fortunately preserved. Nu damikta is rendered to the content of this is fortunately preserved. Nu damikta is rendered to the content of this is fortunately preserved. Nu damikta is rendered to the content of the content of this is fortunately preserved. Nu damikta is rendered to the content of this is fortunately preserved. Nu damikta is rendered to the content of this is fortunately preserved. The content of this content of this content of the con
- Plained by Oppert (Exp. en Més. p. 344), but he reads it differently. Antimony is much used by women in the East, for darkening the eyes and eyebrows. I therefore think that the Assyrian name for it Habarit or Habara may be reasonably deduced from higher than the highest blackness' (Sch. p. 518), induced by any cause on the flesh; also the black spots on a leopard's skin. Hence also the Arab. hibar higher lak (Sch. 520). Related to this is the Chald. A second example has been given by Norris from Botta 152, 16. I will add a third from 2R67, 62, where it occurs among the tribute paid by the kings of Syria and Palestine to Tiglath Pileser II.
- Urru. If Ally, a Day.—Agrees well with the Heb. 7788 lux; for so the Latins say una lux for 'one day.' The Heb. 7788 is also used for 'the Sun:' and in several languages 'one sun' is equivalent to 'one day.'

 Lat the building of my new city].—Sarg. 39 and Botta 37, 44, quoted by Norris, dict. p. 125. Urru u musu, day and night (broken slab quoted by Norris, p. 225). Moreover, in 2 R25, 23 II Veru is explained by All Tamu, 'a day.'
 - Sarg. 39 is misprinted. The word should be U-Y ETY W u musha [and night].
- 244. Musish. ** ETT, adv., by Night; see Art. 68.— Another example is found in Botta 87, 1, where it is said that Merodach Baladan escaped by night from Babylon. Musish utzi,

- he fled by night; written $\{\{-\}, \}\}$. This verb appears to be one of the forms of the Heb. NYI (see next article).
- - If this verb possesses the causative or S conjugation, it will be Sutza. I think we may perhaps recognise this form in the word \(\) \(\
- 247. Sumsut. EY EY (EY, Enslavement: reduction to servitude or submission.—In R51, col. ii. 21 the king prays for sumsut nakiri, 'the making foreign enemies to be his servants.'

 The word comes regularly from Ch. Wyw 'a servant.'

248. Malmalish. (to speak; ', adv. In common parlance; In conversation.—Heb. (to speak; ', a word.' Sargina's inscriptions contain much vituperation of his great enemy Merodach Baladan king of Babylonia. In Botta pl. 19 bis he says: "Taksuda rabtu kat-zu gimir mat-su rapashti malmalish itzutzu; All his kingdom calls him the Grasper with the Strong Hand." Taksuda, a Spoiler or Tyrant, from the very common Assyrian root aksud, eksud, or kasad; to seize, take, obtain, attain. Itzutzu, 'they call him' (see Art. 161).

The phrase malmalish itzutzu occurs again on the Obel. 1.75. I have given the passage in Art. 161. Here malmalish is written EY = IXY = IXY = IXY.

249. Tamish. A Secondary of the gods 'tamish unammir,' I made as bright as the Sun."—E.I.H. vii. 8. But very often the phrase is varied to 'kima tamu.' Ex. gr. Phill. i. 38. Bit kima tamu lu-nammir, I made that temple as splendid as the sun. So in Esarh. iv. 48: "I built ten large temples, and these unammir kima tami." In an inscription of Sennacherib, R7, slab D, the verb is in the S or causative conjugation, 'kima tami usnammir,' I caused it to be made splendid, &c.

The Sun was worshipped at Heliopolis in Egypt by the name of Tum. I think the Egyptians borrowed that name from the Semites. Tamu > Y is 'the Sun,' but Y tam without the prefix is 'a day.' So in Latin, Sol 'a day' (tres soles erramus—Virg.); and in Egyptian a circle with a dot in the centre means both 'the sun' and 'a day.'

- 250. Under this number I propose to collect a few additional remarks on some of the preceding articles:—
 - (No. 13) Kuku.—This bird may be the Swan, which is called in Turkish kughu (cognate with Kukvos).
 - (31) Bul, 'life'—"The king relied on thee, O Ninev! and in return thou didst firmly fix (or found) his life:" tasharsidu bul-su.—R17, 12, written >>> \[\] \[\].
 - (76) Minuta, 'number.'—R28, 28, "minut-zun itti minuti anniti:

- their numbers (were placed) along with the former numbers." The king is speaking of his museum of animals, many of which were a present from the king of Egypt. It is said that all the specimens had 'names' and 'numbers' attached to them; and this in the 10th Century B.c.!
- 'Baal is my father;' unless it stands for Abdibal (servant of Baal).—R 48, 6. He was king of Ussimiruna (Samaria). Idolatrous kings then reigned in Samaria, which had been taken by the Assyrians some years previously. Manasseh was then reigning in Judah, Esarhaddon in Assyria.
- (149) Mutninnu, 'generous.'—In a passage quoted by Norris, dict. p. 468, "Sar mutninnu, rat illuri su," whose feet are golden. Another king uses the same phrase, saying that the feet of his throne are golden (see R35, 3), "usarsidu guza-su rat illu, the gods placed his throne upon golden feet." 'Ribitu (or Rihu) mutninnu,' the generous Ruler (Bellino, 1. 2).
- (154) Nimattu occurs again (Botta 87, 2) amongst the plunder of Babylon, and can, therefore, hardly be the same as the guza nimidi.
- (157) Nutarda.—The Michaux Stones spell this word with the sign \rightleftharpoons instead of \rightleftharpoons . This sign \rightleftharpoons , or Tar, signifies 'a Chief,' as in Tartan; also a man of rank or condition.
- (170) Nisikti means not 'pearls' only, but precious stones in general. Perhaps derived from the Syriac nisikh, clarus, nitidus, splendidus.—Schaaf's lex. p. 357.
- 251. Lakitza. Y (Y), the city of Lachish.—The sculpture representing the capture of Lachish by Sennacherib has been well described by Mr. Layard (Nineveh and Babylon, p. 152). But the inscription is given erroneously, and the translation is not correct. I have, therefore, followed the text given in R, pl. 7, slab I: "Sennacherib king of Assyria, as guza

nimidi usib, sitting on his travelling throne (or palanquin), shallat ir Lakitzu makhar-su etik, has the captives of the city of Lachish brought before him." Layard's description of the sculpture in p. 149 says: "From the gateway of an advanced tower or fort issued a procession of captives, reaching to the presence of the king, who, gorgeously arrayed, received them seated on his throne." Etik is the Heb. They Hiph. of Thy 'movit, transtulit.'—Ges. 807.

Compare the slab of Ashurbanipal, R, pl. 8, No. 1, where the king, having taken a city of Armenia, says (l. 8) "the inhabitants male and female, small and great (i.e. young and old), ushattiku as makhri-ya, I made pass in procession before me." Ushattik is the sha or causative conjugation of etik. This verb is very common, and often applied to the march of an army.

- 252. Shamir. Diamonds.—Tablet of Ishtar, No. 162: reverse, clause 2. Shamir idi-sha u ratti-sha, the diamonds on her hands and feet. ממכויר 'adamas, lapis durissimus' (Buxtorf).
- 253. Zummirat. ?- E > Y- Y-, Some kind of precious stones. Diamonds?—Perhaps the same as Shamir (see the preceding article). "I captured and carried off 'zummirat sib-su,' the precious jewels of his throne, simat saruti-su, and his royal crown."—R, pl. 8, No. 1. Perhaps, however, Zummirat was the Smaragdus or Smarad (for it loses the g in French Éméraude).
- 254. Arakh, a Month (see No. 23).— If Exily Arakh, a Month (see No. 23).— If Exily Arakh, has been corrupted into the month Marchesvan of the Jewish Calendar (see Norris, dict. p. 50). This affords a good instance of the numeral Exile If I samma, eight, which agrees with the Heb. Toom 'octo.' It also shows that Marakh was sometimes employed for Arakh. Another form is Exile I Arkhu, as in the phrase Arkhu maqru, 'casual month.'—Norris, ibid. I will add a curious passage from Botta 46, 56. In the month I arakh mukin timin Ar u Bit sha gimir nishat reshdu ana rimiti-sin ipattaka; i.e. "I began my new palace, &c. &c., in the month

This word, which had better perhaps be written Tsandanish, giving to tis proper value tsa, Heb. NY, is derived, I think, from the Heb. The 'continuare.' In R36 Sargon boasts of his numerous conquests. At line 21 he calls himself "Lihu pikhari sha in kabal tamti Yamnaia tsandanish kima nuni in ruba usipsikhu mat Kue u ir Tsurri; Conqueror of the pirates of the Ionian sea, who like fishes are continually in their ships traversing the sea between the land of Cyprus and the city of Tyre."

Sargon felt a great interest in Cyprus, where he gained victories and erected tablets. It was at that time probably that he attacked the pirates who infested the neighbouring sea. Lihu 'conqueror.' Hence the name of King Ashur-lihu, otherwise Ashur-zu (Ashur the conqueror). Perhaps liti 'victories' may be hence derived. Pikhari I render 'pirates.' Observe, the printed text has pikhari and not takhari, which makes no sense. The origin of this word is unknown to me, I think it can hardly come from the Arabic 'The sea.' Perhaps there was another form Pikharati or Piharati: if so, I think it may be a corruption of the Greek πειρατης 'a pirate.' The Greek sailors had a large share in the commerce of those seas, therefore many Greek words came into vogue and got mixed with the

Semitic. 'Like fishes' is a strange expression, but it must mean that they were so continually at sea that the Sea was, as it were, their native element, which would strike an Assyrian writer the more who, perhaps, never crossed the sea more than once or twice in his life. Ruba are Ships. Usipsikhu 'they traverse' is the sha conjugation of the Heb. Too 'to traverse, to pass over.' We see a similarly formed word in the name of the city Thapsacus Toom i.e. 'the passage,' where the great passage of the river Euphrates was situated (Ges. 832).

- The Pikhari must be some class of persons, for they are said 'to traverse the sea.' They cannot be peaceful navigators, for, since Sargina controlled both Cyprus and Tyre, merchants trading between those ports would not be his enemies.
- months are well represented by the Assyrian names given by Norris, dict. p. 50, with the exception of Tammuz, which is written \(\sigma\) \(\sigma\) \(\sigma\) \(\sigma\). This gives only \(Duz\) or \(Duz\) sometimes has the value \(dam\), which gives us the word \(dam\)—u-su or \(Damuz\).

The kings often thank the gods for the great favour shown to them, in causing them to be born in so high a rank. Ex. gr. In Birs N, l. 10 Nebuchadnezzat says "The favour of Marduk the great Lord, kinish ibn-annima, created me of royal rank."

Ibn 'he created' is from to create.' Very similar is the passage which occars both in R43, 4 and in B.M. 61, 2 (except that we find \(\frac{1}{2} - ban \) written instead of \(\frac{1}{2} - \frac{1}{2} \) ibna). "Ashur father of the gods, in kullat maliki kinish ban-annima, gave me a noble birth among the assembly of kings."

Kullat 'assembly' is קהלת 'cestus,' from Heb. קהל congregavit (Nerris also reads this word as kullat). Similarly we read in pl. 114 of Botta: "Yaati Sargina, I Sargina king of Assyria, &c., whom Ashur, in napkhar maliki kinish uttannima;" using napkhar 'assembly' (from pakhar 'to assemble) instead of kullat, and the verb utta 'he created' instead of bana or ibna. The difficult passage B.M. 38, 3 has the same general meaning. Sennacherib there says: ili, billat nabniti, the Queen of the gods, who is the Queen of Births, in lib rubu baga talinni alatti-ya; kinish ban-annima; uzabbá nabniti." Now, in the first place, I must observe that Mr. N.'s transcript (in dict. p. 16) omits the important word - | | rubu 'royal,' and substitutes for it | ib. But Mr. Layard's annotation at foot of the page shows that he found on another copy of the Bull variation of - | | | and supports it; showing that |-| cannot be the true reading. We must, therefore, restore the word - YYYY- 'royal.'

'births' is from nabna 'to be born,' the Niphal of the verb bana. The last part of the line 'kinish ban"-annima' we have had before, and for 'uzabba nabniti' some of the other bulls read 'usarba nabniti,' made my birth splendid. The verb sarba means 'to exalt or glorify.' Thus on the monolith R27, 11 the gods are called 'musarbu sarti,' exalters of my royalty. The real difficulty of the passage, therefore, resides only in the phrase "the Queen of the gods, who is the Queen of Births, in lib rubu baga talinni alatti-ya," and indeed only in two of these words, baga and talinni. The first of these I believe to be a word of Indo-Germanic origin. There are not many such employed in the Assyrian language, but there are some indubitable instances, such as the preposition In; Nin for 'no one; Nu for 'not;' Tuki 'fortune' or 'good luck.' The Persian adjective takman 'strong' is frequently used in Assyrian as 'biritu takmannu anbar atdi-su, I cast on him strong chains of iron.' Basa 'to dwell, be, exist,' is the Persian bas 'a dwelling; bash 'being, living, existence,' from bashiden 'to dwell or be.' Kurra 'a horse' is very unlike the Semitic sus DJD, but agrees with the Sanskrit gora.

Assyrians from their neighbours, I would suggest that Baga Assyrians from their neighbours, I would suggest that Baga To you have the Persian word Bhag, which is rendered Fortune, destiny, share, lot; in Gilchrist's Vocab. p. 76. Talinni - you have the word, I think, affords the key to the meaning of the whole passage. Tala word, 'she caused' is the feminine of the Chald. verb ala word 'to cause; thence talinni 'she caused unto me.' In tib 'within' differs but little from the simple preposition In, only it is somewhat more precise. I translate the whole passage, therefore, as follows: "The Queen of the gods, who is the Queen of births, caused unto me my birth in a royal destiny;" or, in other words, and

Pronounced ibn. The sign (> represents the verb bana in general, and any tense of it which the syntax requires.

- slightly paraphrased, "My lot in birth, for which I thank the Queen of heaven, was to be born a king."
- With respect to the Syllab. 192, quoted by Norris, p. 16, where agarin is rendered by ummu, and also by a monogram, I must observe that this monogram is quite unlike the well-known monogram for 'a mother,' and therefore it probably expresses some other meaning of ummu.
- 259. Parakku. Fr JE, a Chief; or perhaps a King.—In 2 R 31, there is a list of words, all of which mean 'a king,' and are rendered by E Sar. One of these is Parakku In Syllab. 255 Parakku is explained by which means 'first in rank,' and by Bara Hence perhaps Parakku is derived from this word bara and ukku 'great.' In 2 R 35, 14, parakku is rendered --pan pan 'front of the front,' and (A dihu, which means 'the front' (see Art. 120 of this Glossary). parakki is rendered in P.C. by Ep, written twice (i.e. 'the very first') with other signs added which I do not understand. Ami I would translate 'men,' from the Heb. by 'populus,' unless it is short for amilut 'men.' These notices enable us to explain a passage which occurs in several inscriptions, ex. gr. R 37, 12 and R 43, 4, "eli gimir ami parakki usarbá eskuti-ya, over all kings Ashur raised high (or triumphantly) my arms."

heart." Istihu, 'he granted.' Mustihu, 'the giver,' ex. gr. mustihu baladam, 'giver of gifts.' Papakha biluti-su astihi, I gave a shrine to his lordship. E.I.H. iii. 25.

The following is another example of the word Amat:

- 1. 可以《《四日》(以《以《
- 2. 图》以外 《井柱碑》 (以 柱处
 - 1. Mamman amat-zu val ishmi
 - 2. Dayanu din-su val itin.
 - 1. No one heard his complaint:
 - 2. No judge gave judgment in his cause.

These two lines occur at the end of tablet 169. They are accompanied by a P.C. version, half of which is gone, but some interesting words remain. Ishmi, 'he heard,' is rendered unduk words remain. Ishmi, 'he gave judgment,' is rendered undin words; but words only marks the tense; the roots are you duk, for the Heb. you 'to hear,' and words for the Heb. you 'to judge.' Now, you means 'fame, renown,' as well as 'hearing,' and it will be remembered that duk has that meaning, viz. 'renown,' in the name of king Nabo-imduk (Nebo is glorious), in Assyrian Nabo-nahid. Similarly in 2R16, 32 you is rendered by simti or tasimti, which apparently comes from you.

- 262. Sadakhu. \(\pi \subseteq \)\(-\forall \rangle \), a Holiday: idle day: festival (Lat. feria).—From the Heb. \(\pi \) otiosus fuit: vel, felix et tranquillus fuit.' It is said, in an inscription in the British Museum, that the Sadakhu of the divine Queen of Babylon (the goddess Nanaia) was celebrated on the 25th of the month Sivan.
- 263. Timin. Y > -II, sometimes Y AH > -II, timmin. The Clay Cylinder which was deposited in the foundations of a building, inscribed with the name and praises of the reigning Monarch.—I believe that no etym has been proposed for this word, I therefore venture to suggest that it comes from the Heb. The temen or timin, 'abscondere,' which verb Gesenius says is specially used for 'hiding treasures, &c.

under ground.' For, the clay cylinder was always carefully hidden, and protected as far as possible from spoilers and devastators, ex. gr. Ashtapat pili rabbati ashuru-su usaskir, udannin subuk-su, with large flat stones I closed up the place of it, and I made its deposit secure.—Bellino, l. 53. That the Timin was the Cylinder (not the Platform) appears from the inscription of Nabonidus, quoted in Norris's dict. 408: "Ana buhi timinna suati, in the search for that Timin, I dug (akthut) three years in the diggings of Nebuchadnezzar King of Babylon." Had he sought for the platform only, it would have been found much sooner. The verb buhi, which occurs in the preceding passage, is the Chald. אָטָב 'quæsivit,' as was first observed In R16, 63 the word is spelt by Dr. Hincks. "Whoever shall injure my stone tablets and my timini, may the gods destroy him!"

- 'rapuit.'

 Yell, Spoil, plunder.—From the Heb. To "sikhib mati kala mu, the spoil of the land of every description."—

 Tablet K 30, l. 21; see my paper in the Transactions of the R.S. of Literature, 'On a War in Syria,' Vol. 8, p. 270. But I will now give the passage more correctly:—
 - 1. 例》 珍华 冷图 一层 一大
 - 2. 三盆川 川 平 4 三川 (川 河 三) 十 三 十 十 三 十 -

 - 4. 以下国国国际
 - 5. \succeq & \succeq , &c. (as given before).

Bit tsir mutari mushabi-sun, a great building which was their Hall of Sittings (or House of Assembly), which was usakhit-zu ibkidu ana ishati, they (my soldiers) set on fire and burnt it down; gai tsieni the oxen, sheep, mules? and (....): amilut ishluluni as la (mini) and the men they carried

off as slaves in great numbers; sikhib mati kaha mu, the spoil of the land of every description [the rest is lost].

I think Ind 'rapuit' is connected with Ind 'to sweep away.'

265. Shapi Bel. Way = E = II, Name of a city, meaning 'feet of Bel.'—But perhaps it rather means 'the footstool of Bel,' implying the humble and devout submission of the inhabitants. Esar. iv. 3: "He came and kissed my feet; riemu arsi su, I had pity on him, usarakhits surruti, I gave him a golden bracelet [or, bound him with a chain of honour]. I strengthened the fortifications of the city Shapi-Bel, his fortress. Himself and his spearmen I left in peace within it [as libbi ushali-su]; and I made him like a column-tree [palm tree] of the land of Elam." The verb ushali is from 'Top' 'securus est, et prosperâ fortună utitur' (Ges.).

Edil su, 'yer, equalis' (Sch. 1277). It does not appear who was the monarch or chief thus favoured, the commencement of the narrative being broken off. But whoever he was, he or his successor appears to have rebelled, for a tablet of Ashurbanipal, K 30 says "Dunanu king of the Bulu, who dwelt in the city of Shapi-Bel [spelt as before] allied himself with the king of the Susians and refused to bow down before me." After a short war he was taken prisoner by the Assyrians: see p. 272 of my memoir quoted in last article.

- It has the plural shapa as well as shapi: see 2R16, 31, where the P.C. \(\square \square \square \text{test} \) \(\square \square \square \text{test} \) \(\square \square \t
- 266. Khi. , the Knees, in Proto-Chaldean, answering to the Assyrian birki, Heb. This meaning of was, I think, first pointed out by Norris in his dict. p. 395. I will add a curious example from tablet K, 137, which seems to contain

- - In 2 R62, 60, sing. garnu, and plur. garnati, denote the yards of a ship. For, these are called in Latin cornua antennarum, and in Greek κεραιαι, and less frequently, κερατα.
- we find \times \
- 269. Milik. (בְּבֶׁ אַבֻּׁרְ, Counsel.—Agrees well with the Ch. מלך

'consilium' (which I think is not found in Hebrew). This word occurs in the interesting inscription on tablet K, 211. This is a public document, or decree, or letters patent, by which Ashurbanipal appoints Bulshaya, a nobleman of the city Kitsi to the office of governor of the palace. says that he does so - = in the control of the cont bibil lib-ya,' from the deep feeling (or desire) of my heart; ⟨== Y = 'milik ramani,' and from my own impulse (or, of my own counsel.) This is almost exactly what a modern king says when he decrees anything ex motu proprio. The first part of the phrase, 'in bibil lib-ya' is very common in the inscriptions. Norris renders bibil 'deep feeling, desire, wish, dict. p. 70. The other clause I have not met with elsewhere. Amtallik 'I resolved,' is the T conjugation of the verb malik 'consulere.' Rabish amtallik, 'I nobly resolved.'— B.M. 41, 25.

'fingere;' the same with the verb זבר, which Gesenius renders 'to mould clay as a potter does,' finxit, formavit (ut figulus lutum), whence זבר figulus 'a potter.' There is an obscure line in Bellino (1. 36) which speaks of the first founders of Niniveh. They laid down, it says, the timin (or corner stone of the foundation). The next phrase is \forall

I have found another example of this curious word in the much-defaced tablet 192 (otherwise 151a), which relates the foundation of some new building. The following phrases taken from it, being of familiar occurrence elsewhere, show the general meaning: usalbin libittu's, I made bricks for it; ashli rabati misikhta-su amsukh, with a long rope I measured its measure; ussi-su atdi, I laid its foundations; ukin libnat-zu, and founded the building. Timin-su kireb subuk shadi danni udannin, I made its 'timin' secure within a deposit of vast stones. Here shadi are 'stones,' not even 'rocks,'

much less 'mountains.' The word bears all these senses according to the context and the subject. This last phrase strongly resembles 1. 53 of Bellino, which says, speaking of the timin: "with large stones I closed it all round, and (udannin subuk-su) I made its deposit secure."

Then comes the phrase which I wish to point out.

Examples of the word Uttu. In B.M. 33, 2 Sargina is called 'the noble king, whom Ashur and Marduk, his progenitors (uttu-su) have proclaimed the renown of his name to the end of the world.' In R35, king () is called "the king whom Ashur and (....) his progenitors (uttu-su) 'malkut lashanan umallu gatús-su,' have filled his hand with (i.e. given him) an unequalled empire." Here we have malkut 'kingdom.' Utta also occurs as a verb, 'to create.' "I am Sargina king of Assyria, &c. &c., whom the gods have created (or caused to be born) nobly amidst the number of kings: yaati Sargina in napkhar maliki kinish utta-annima."-Botta, pl. 114, and again in pl. 65, 10. For utta other inscriptions give ibna 'he created,' or the monogram which stands for ibna, or for any other tense of the verb 'to create.' I also think that there is a connexion between uttu and utdu, which means 'origin' or 'spring;' utdu-a 'a spring of water, or fountain' is very common.

272. Mishta. Will, Number.—R19, 88: "I carried off as plunder his flocks of sheep, which, like the stars of heaven, had no number (mishta la isu). This passage is exactly the same as that quoted in No. 76 from R24, 43, except that we

read there minuta la isu. Mishta is the Heb. michta pop 'numerus' (Ges. p. 593).

273. Mish. (\ \(\lambda \) \

- 274. Udini. EYYE (YETT, Eagles.—R18, 50. ["On these pointed and most inaccessible mountains] kima kinni udini-khu as kireb shadie dannat-zun ishkunu, they had built their strong-holds like the nests of Eagle-birds among the rocks." Udin may be related to the Chald. To Din 'vultures; see Sch. 387; for eagles and vultures had often the same name.

Kinni is the plur. of Heb. Kin 'a nest', which also came to mean (exactly as in our text) a human habitation, perched like a bird's nest on a lofty and almost inaccessible cliff. Gesenius says, 'domicilium in altâ rupe extructum instar nidi aquilini, quoting several texts of Scripture.—Numb. xxiv. 21, Jerem. xlix. 16, &c. Hence the people called Kenites in Scripture derived their name; see the prophecy of Balaam (Numb. xxiv. 21).—"And he looked on the Kenites and took up his parable and said: 'Strong is thy dwelling-place, and thou puttest thy nest (קן) in a rock. Nevertheless the Kenite shall be wasted and Assyria shall carry thee away captive." The latter clause is well illustrated by the passage I have given from Rpl. 39. Smith's dict. of the Bible v. Kenite does not allude to the origin of the name, which is singular, since a common Bible has the note on Numb. xxiv. 21.—'This alludes to their ordinary habitations, which were strongholds in rocky mountains; hence they are called Kenites or nest-inhabitants.

- 276. Khibishti. Beams. (See Art. 186.)—I have since found a Hebrew word which tallies better with the Assyrian, viz. בפרס 'a beam holding together a wooden building.' (Furst's Lex.)
- Dima. Peace, Tranquillity. (See Art. 139.)—In tablet K224 **277.** salamu or salam 'peace,' which agrees with what I have said in the Art. Salmanubar, No. 211. In same tablet there are some note-worthy translations, of which I will give one. The P.C. (Y- * EYYY is rendered by the Assyrian YY X X X X ana pani-ya (before me), where ta answers to the Assyrian | ana; mu to the Assyrian pronoun \Longrightarrow ya (my); and \longleftrightarrow to \Longrightarrow pani (before). The next line gives us the contrary phrase; where the P.C. + * EYYY is rendered by the Assyrian Y (Y--YY) (YEY EEY) and arki-ya (behind me). similarity of the two phrases is complete (observing that \ often means ana). Hence I conclude that the P.C. answers to the Assyrian arki 'after' or 'behind.'

- 278. Tân When a word is terminated by these three letters, a Numeral is indicated, almost as surely as it would be in Greek by the termination κοστος or κοσιος. For example, the first line of Bellino's inscription begins with Y YY YYY EYYY YY --- 'One Sos and three;' i.e. Sixty-three [lines of writing]. In Opp. Khors. 19, 162 i.e. 410 [talents of shining brass]. On tablet K 268 we read (< EYYY Y -- A Twenty mukalim or inscribed lines (this word probably comes from the Heb. קלע 'insculpsit'). But the letter T omitted, and only | -> left, to mark a numeral. Of this kind is the important passage which is often repeated in Sargon's inscriptions, "Sha YYY Y- \ malki labiruti sha illamu-ya billut Ashur-ki ebusu Of 350 former kings who reigned over Assyria before me [not one ever accomplished such works as I did, &c. &c.]. The origin of this mode of designating numbers is perhaps the following, in which I am guided by the analogy of the Greek and Latin. triplex, quadruplex, &c. in Latin; διπλους, &c. in Greek, involve the idea of 'folding,' from plicare. This has been adopted into the English language, 'two-fold, three-fold, four-fold, &c. So also in German. Plex is used in Latin even when it is quite unnecessary, ex.gr. 'quadruplices stellas,' four It had become habitual, and its original meaning of 'folding' was lost sight of. Now, the Assyrian word-ending tân zery y zappears to be the Ch. and Syr. with tana, 'to fold,' hence 'to do again,' 'to repeat' (see Wright's Chaldee glossary to the book of Jonah, p. 45).
- 279. Tisha. | \(\psi\), Nine.—Agrees perfectly with the Hebrew tesha ywn 'nine.' Nevertheless this word has hitherto passed unobserved by Assyriologists. It occurs in a remarkable passage in the inscriptions of Khorsabad (Opp. 19, 163). "\(\psi\) timmi irsi sutakhuti, four long beams of Cedar, sha tishatan kubur-sun, which measured nine 'kubur' in length [and

came from the mountains of Hamana, I placed over the lions at the four gates"].

- N.B. There were eight lions in all, which were placed in pairs, on the right and left of each gate. Supposing the kubur to be an οργυια or expansion of the arms, the length of the Cedar beams will be 54 feet. The original text has Y Y Y Y Y Y Y Kubur is the Heb. ברר 'longus;' subst. 'longitudo'—also ברר a measure of length, so called. The passage which we have been examining is many times repeated in the inscriptions of Khorsabad.
- 281. Shari. \(\psi\) \(\psi\)
- 283. Ilatti, \(\beta \left\) \(\square \right\) \(\square \righ

paku, is frequently abbreviated to \rightarrow \(\frac{1}{2} \). I think it means 'Judge.' In the invocation to the great gods (tablet 100) Ann bears the title 'shurbu ilatti, eldest son [of Ashur father of the gods].' In the invocation to Ninev (R17, 2) he is called 'Ilatti bit kur' (child of heaven) \(\

284. Sutta. — A Company of the control of the land of line occurs, which the following line occurs, with the following line occurs, with the land of Night, sleep, and dreams." I think this is a prayer to Nebo, in his character of judge of the dead. The sign which are now found to be equivalents). Dimmika is the Ch. Syr. A dimika 'somnus profundus.' There is much about dreams in tablet K 254 (or 213b). It speaks of 'a good dream' — A Company of the land of 'a good dream' — But I place little reliance on this, because tablet 155 gives him another name, perhaps Zagar.

i.e. during an evil eclipse of the moon in the month (blank), day (blank). Instead of this we find in tablet 155, which is an ede to the moon (> -> ((()), the following phrase: During an evil eclipse of the moon which happened in the month KKK day KKK &c. &c. Now, comparing this with the former example, it seems likely that an indefinite sign, and that the phrase would be in English "which happened in month (so and so), day (so and so)." For, no real month and day could bear the same name, and be represented by the same sign. The same symbol occurs in other phrases which are meant to be left indefinite. Ex. gr. in tablet K 163 (or 131a) | E - I - I, thy servant, (It must be remembered that many of these tablets are mere exercises and formulæ of writing.) So, in French, 'un tel, fils d'un tel;' and in Greek o deiva tou deivos. The symbol and which is its abbreviation, are different from that which is mentioned in this article, and seem to stand for 'pakhar' or 'takkil' (chosen, sealed, approved, or examined). But the study of these signs is intricate.

- Lat. proprius. Gr. ιδιος.—This important word appears to have hitherto escaped recognition. It is the Chaldee για kurun, 'ipse, ipsemet, idem ipse,' see Sch. 899 and Buxt. 1095. In Opp. Khors. pl. 20, first line, Sargina speaks of the curious and beautiful birds, beasts and fishes, of which he had formed a collection in his new palace. Sattik birds [perhaps parrots psittacus]; Ustur birds [perhaps ostriches, called ustur or shutur-

bird in Persian]. To these is added the phrase $\{ \}$ summi izhhit, 'of well-known names,' or 'whose names are well-known.' Then follows $\{ \}$ $\{ \}$ $\{ \}$ Fishes and birds of River and Sea, 'sha la isu midita kurunnu,' which have not any names of their own [and which are found in the lands and waters at the end of the world].

I will now give another example of the word Kurunnu; I have several times attempted to elucidate the curious accounts which we find here and there concerning the sittings of an Assyrian Parliament, or rather perhaps what is now called in the East a Durbar. It lasted fourteen days (perhaps an indication that they counted time by weeks). I will at present only advert to the few lines concerning this assembly contained in the inscription of Esarhaddon, col. vi. l. 33 to 45 inclusive. After describing the grandeur of the New Palace which he had just caused to be built at Niniveh, he says: "There I assembled the great men of my Empire, the noblemen and the commoners of my land, all of them On lofty chairs I caused them to sit, and I counted their numbers. Presidents of their own they chose to rule over them. I did not impose on them any Chief of the Assembly. By the grace of Ashur king of the gods, and the gods of Assyria, all of them, in full assemblies, with intelligent minds, with much honour, and abundant profit may they ever continue to assemble within it! And so may the glory of this

.*

Palace endure!" Two of these lines I wish to select for more particular examination, viz. lines 39 and 40:—

- · 英国国宝子 以国盟 · 英国国宝子 以国盟
- - 1. Tarin? kurunnu bikira tsurra-sun;
 - 2. Nisak nigu(t) lá eli-sun usakin.
 - 1. Officers of their own they chose to rule over them;
 - 2. A Chief of the assembly I did not impose on them.

288. Akin. Y EII, an Envoy, or Representative.—Norris has given one example of the word (dict.p. 30). I will add another from Botta, pl. 163, 12: "[That king] iskhutu, was much terrified? ispa guza iddi, he flung down his sceptre and throne; as pan Akin-ya unasak hakkaru, and kissed the ground before my Envoy. Duri, his fortresses, (.....) to destroy them, akbi-su, I commanded him. Imgura kibitti, he obeyed my command. Riema arsi su, then I showed him mercy." In fact, he performed the Ko-too, as it is called in China, or prostrating

the head in the dust before the Emperor's image, or his envey. One or two words are effaced. Perhaps we should read 'ana napali akbi-su,' to throw them down I gave command; as in Art. Napal, No. 223.

Chal. Now, Ezra iv. 12. We find also represent fundamental domûs.—Isaiah xvi. 7. This word is extremely common, but its spelling varies very much. In B.M. 33, 17, and R42, 61, and R50, 21, and Monolith l. 11, it is to Ussha. In Sarg. 51 it is to Ussha. In Tig. vi. 29 and Sarg. 61 it is to Ussha. In B.M. 33, 14 and Opp. Khors. line 132 it is to Ussu.

This word occurs continually in the phrase "from its foundation even unto its summit I built it and I finished it." I will add two examples, in which the word has been overlooked. Sarg. 61 speaks of the first foundation of Niniveh: "The god Ninev, who laid the timin and the ussi of its shalkhu [citadel] in ancient times, now long past." Ninev mukin timin ad'ussi ana labar tami rukuti shalkhu-su. Adussi YY 💢 🏋 the foundations). Adi V often signifies 'and,' see Norris, dict. 18.—The other example occurs in the account of the nocturnal escape of Merodach Baladan from the besieged city of Dur-Yakina (see Opp. Khors. 15, 132); I have already translated a portion of it in Art. 120 of this Glossary. Edish ipparsidu, he escaped alone; dikhi dur-su izbatu, clinging to the front wall of his palace; kima suratsa, like a lizard (or reptile); eruba (.....), and reached (.....) [the last word is injured]. To this translation it has been objected that the text, as published by Oppert, gives surani and not suratea instead of Ty. But these signs are often mistaken one for the other in the published texts, and even in the originals. And I think that the word suratsa (Heb. שורץ a reptile) occurs twice in 2R17, which is a prayer against all manner of evils. At line 24 we read A haratzu muruz, from

dangerous serpents; marti muruz, from their dangerous venom; [may the gods of heaven and earth protect us!]. I will first consider the word $\succeq VV - \smile V < marti$, 'poison.' This is the Ch. Syr. and Arab. מרה or אחרום marta, the poison of a serpent [Sch. 1033 venenum serpentis]. In Job xx. 14 we read 'the poison of asps or vipers.' Muruz 'dangerous,' occurs often in this plate; it is nearly the same as marza and marusta, see Art. 240. The sign At has often the value shar, see an instance which I have given in Art. 201, where de reads sharut. But instead of de re sharatzu 'reptile,' the P.C. version of this passage has EY EXY SETY suratsi. I therefore think that (IEY EY kima suratsa, 'like a reptile,' is the true reading in Opp. Khors. 132. Let us now go on with the rest of the passage. The last clause is eruba, 'he reached,' , which gives no sense. But Norris observes (dict. p. 34) that the letter (is 'half gone,' and he proposes to read This instead of it. I think, however, that we should read di, which gives an excellent sense. Eruba 'he reached' If (adi ussu 'unto the bottom, or basement of the building.' The whole passage then becomes exceedingly "He escaped alone, clinging to the front wall of his palace, like a reptile (or lizard). And he reached the bottom in safety." It appears to me that my version of 'the king's escape' is greatly confirmed by these words "adi ussu," discovered after the translation was published; much more so than if they had been seen at first; because subsequent corroborations are always more valuable. The next clause after this commences a new subject. "I took the city of Dur-Yakina with immense spoil and many captives—I burnt it down—I carried off its timin or foundation-tablet ['corner stone,' Opp.] and I left it a heap of ruins."

290. Ussish. YY (Y- YY, adv. 'from the foundations.' Ussish ebus, I built [that temple] from the foundations." Nabon. II, 1 (R 68). Derived from ussha, see last article.

- 291. Kue. Σή, Cyprus.—But the name is much more like the Κωοι, the inhabitants of Cos. Can it be that the race of the Kôi originally spread over all the islands of the Ægman, and that they are the Gu-i, Σης of the Hebrews, commonly translated 'gentiles'?
 - No certain etym is known for the Ægæan sea (To Avyatov, Herod.). But its islands were called in the Hebrew (see Gen. x. 5) איר דוגרים, which in Greek letters, and making the change which the Greek language requires, differs but little from Avyatov. The Phænician sailors may have given the name and the Greek sailors adopted it.
 - The recently discovered bilingual inscription called the Decree of Canopus speaks (1.9) of "the country of Kaft." This is translated in the Greek Φοινικη, Phœnicia. This throws a new light on the name of that ancient people. For, why was Phonicia called "the land of Kaft?" Nothing can be simpler. Kaft signifies a Palm-tree, which was the chosen emblem of that country. The Greeks translated the name. In their language a palm-tree was $\phi_{oivi\xi}$; they therefore called the country $\Phi_{oivie\eta}$. ספת or מבן has two meanings in Hebrew, (1) Palma, i.e. ב Palm-tree; (2) Palma, i.e. the Hand. The Latin word has the same double meaning, which is an interesting fact; but what is still more curious is that δακτυλοι 'fingers' also mean 'dates' (the fruit of the date-palm). See Arist. Meteor. i. 4, 10. Hence modern botanists call the date palm Phoenix dactylifera. lexicographers, being seldom botanists, have not understood why a 'hand' and a 'palm-tree' had the same name. The reason is this—the common palm of the Mediterranean coasts is a lowgrowing shrub whose leaves are digitate, i.e. they expand like the fingers of the hand from a central origin somewhat like a fan, and therefore called the 'fan palm' (Chamærops Humilis of botanists). This common sort gave the name to the whole tribe of palm In Is. ix. 13 and xix. 15, 'high and low' or 'noblemen and common people' are poetically called kaft u agmon, i.e. 'the palm-tree and the rush' (Gesenius).

ART. II.—On Indian Chronology. By J. Fergusson, Esq., F.R.S.

[Read February 15, 1869.]

Every one who has turned his attention to the study of Indian antiquities will probably be inclined to admit that one of the most important desiderata at the present time is a scheme of Chronology which shall fix, within reasonable limits of error, the dates of the various kings or dynasties who ruled between the Christian Era and the Hegira. not at present indispensable that any particular king's reign should be ascertained within ten or twenty years of deviation either way; but it is hopeless to attempt to understand the subject while we cannot make up our minds whether the Balabhi kings dated their inscriptions from their own Era or from that of Vikramâditya—a difference of 376 years—or whether the Guptas dated theirs before or after the Era bearing their name (318-19 A.D.). While such discrepancies as these exist, it is idle to suppose we can either understand the history of the Hindus, or appreciate the forms of their arts, or the development of their religions.

Finding that such men as Lassen, Cunningham, Thomas, and Dowson among living investigators—to say nothing of those who have passed away—agreed to differ by such wide margins, I believed the problem insoluble with the means now at our command, and felt inclined to wait some happy discovery which might free us from our perplexity. When, however, I undertook to write my recently published work on the Topes of Sanchi and Amravati, I found it necessary to go over all the available data with more care than I had hitherto bestowed on them, and the result has been, that the conviction was forced on me that the books we now possess, combined with the coins that have been collected and the inscriptions that have been translated, do suffice for the construction of a

chronological table for the period above indicated, which may be sufficiently accurate for present purposes, at least, though not absolutely correct in detail.

Notwithstanding this, I am far from pretending that I consider the task easy, or that everything I am about to advance will appear as clear to others as to myself, or that future discoveries may not modify some of the data on which my conclusions are based. Indeed, when I see such a man as Professor Lassen, with all his vast learning and untiring industry, fail in the task, I cannot but feel some hesitation in attempting it. That he has failed, and failed entirely, I, at least, feel certain, because in what I am now about to put forward I differ from him in every date—almost without an exception—and if he is right in his mode of reasoning, I certainly am wrong throughout. A great deal, however, of the discrepancy that exists between us may, I believe, be accounted for by the fact that the Professor is entirely ignorant of both architecture and archæology as applied to the subject.1 I am sorry to think he is far from being singular in this respect, while I, on the other hand, feel certain that in such a case as India, the architectural remains are in most cases the best, and in some, the only evidence that is available for the determination of either historical or ethnographical problems. All this has become more and more evident every day since the investigation was first attempted; and now that we know absolutely that stone architecture commenced, in India, under the reign of Asoka, we have a fixed initial date from which to start. From that point we can trace it, as bit by bit the original wooden forms were replaced by others of more lithic character, till a perfectly original style of stone architecture was elaborated; and we only require a final and one or two intermediate dates to enable us to graduate our chronometric scale, and, by its application, to fix within narrow limits the date of any king whose name happens to be engraved on any cave or temple in the

In the whole 5000 pages to which his Indische Alterthumskunde extends, less than 50 are devoted to this subject, and they are the mere jottings of his note-book, printed without system or arrangement, as things that must be alluded to in an encyclopædic work like his, but as of very little value for any purpose.

land. In addition to this, combined, as architecture always is in India, with sculpture and painting, it affords by far the best test of the ethnography of races, and the most vivid picture of the religion and civilization. All this is unsuspected by Professor Lassen, and, indeed, by most investigators; but till it is grasped and elucidated, the history of mediæval India must always, I fear, remain the confused jumble it now unfortunately presents.

As many of the more important conclusions arrived at in the following pages are derived from a careful study of Hiouen-Thsang, and the Chinese travellers who visited India in the seventh century, it will be convenient to begin at that end of the story, and having gained a firm base there, to work backwards. In order to do this, however, it is first necessary to fix the dates of their travels as nearly as possible. This can be done with some precision from the "Histoire de la vie de Hiouen-Thsang par Hoeï-li," translated by Stanislas Julien, and published in Paris, 1853.¹ The other work, entitled "Mémoires sur les contrées occidentales," or the "Si-yu-ki," translated by the same author, and published 1857, also affords considerable assistance in this enquiry.

According to the Hoeï-li, Hiouen-Thsang left China in the year 629, in the 26th year of his age,² and reached Kashmir apparently in the following year.³ Here he resided two years,⁴ and, if we add together all the indications in the work, seems to have taken, at least, two years to reach Nâlanda; but being interrogated there how long he had been on his travels, he replies, three years.⁵ Assuming this to mean in India, it would place his first visit there in 633-4. Here he resided five years,⁶ and then set out on his travels south, 638-9. Two years were so occupied, and he returned to Nâlanda 640-41. The latter date is fixed by a story he himself tells. He narrates that, while there, a man appeared to him in a vision and told him

In the text I purpose to distinguish these works as the Hoeï-li, the other as the Si-yu-ki; but in the notes it will suffice, as is done in the French, to call the first, vol. i.; and the second, vols. ii. and iii. of H.T., as short for Hiouen-Thsang.

² H.-T. i. 14.

³ H.-T. i. 90.

⁴ 96.

⁵ 147.

⁶ 171.

that, in ten years from that time, the King Stlåditya would die, and his biographer adds that this event took place in 650; but for this, I would be inclined to place his second visit to Nålanda in 642-3, because the great meeting at Allahabad took place when he was there, and the narrative would lead us to suppose that immediately after it was over, he returned straight to China. If this is so, his journey could hardly have occupied one year, and he reached his native land in 645.3

If we felt certain that the dates in the two works above referred to were abstracted from his note-books as he wrote them down during his journey in India, it would be very important to try and settle these points definitively; but as we do not feel sure that they were not inserted by himself or his editors after his return to China, all that is requisite here is to call attention to it. It is an element of uncertainty which may necessitate an adjustment of dates to the extent of a few years in some instances. In the following pages I purpose to assume the dates referring to particular places as written in India in the years in which he visited these places, as above indicated.

Before proceeding to examine the data given us by the Chinese travellers, there are two remarks it may be useful to make in order to render what follows more intelligible. The first is that in India there were three ranks of kings. First, Rajas, or simple princes; Maha-Rajas, who would rank as kings in Europe; and Mahârâja Adhirâjas, kings of kings, or emperors. The title is identical with Βασιλεύς Βασιλέων of the Greeks, or Shahan Shahi of the Persians, and was used in India from the Greek times till probably the Mahomedan conquest. This would hardly be worthy of remark, but for one circumstance. There might be any number of Rajas or Mahârâjas contemporary with one another, but only one Adhirâja or Emperor could exist at one time. The consequence is, that whenever we find a king adopting this title, we know that he was, or at least, assumed to be king of the five Indies,

Presidences into which we have divided India, if the Nizam's and surrounding states were erected into a fifth. The consequence of this is that no two emperors could be contemporary with one another, and that whenever we can trace the dignity from a king in one family to one in another, we know that we have a true succession, and an historical sequence of the utmost importance. Sometimes these emperors resided in Magadha, at other times at Canouge or Ougein, and at one time at Kalyan,—but always in succession; and I hope to be able to trace the title, at least, from the second half of the fourth century till 733, which last is the lower limit to which I at present intend to extend my researches.

The second point to which I wish to draw attention, is the practice of Indian kings to assume the names of their grand-fathers, when they have been illustrious. In some lists, like the Balabhi and Châlukya, this constant alternation of name is sometimes very perplexing, as no number or other distinguishing mark is affixed as would be done in Europe. In other cases, however, it is sometimes useful; as when we find two kings of the same name occurring very near each other in the same list, we may feel pretty sure that the latter stood in the relation of the second generation to the first, and this occurs even when the seat of power was changed, if the succession was direct.

We shall have frequent occasions to refer to these peculiarities in the sequel, but the first name with which I propose to deal is as good an example as could be found for illustrating them.

During the whole time that Hiouen-Thsang was in India, Silâditya was on the throne of Canouge, then the principal kingdom in the north of India. The date of his death has already been given as 650, but if we may trust Ma-twan-lin, this should be slightly modified. He relates that when the Emperor of China, in the year 648, sent an ambassador to Magadha, he found that king Silâditya was dead, and his minister, O-lo-na-shun, had taken his place. It is possible.

¹ J.A.S.B. vol. vi. p. 69.

this may have been in 649, so the difference is not much. The date of his accession may be fixed as closely. Hiouen-Thsang tells us—in the first instance not very distinctly1 that he had reigned thirty years at the time of his visit; but he afterwards confirms this by quoting a speech of the king himself to our pilgrim, on his taking leave of him on his return to China (640). On this occasion the king expressly states that he had reigned thirty years, and confirms it by stating that it had been his habit to hold a great assembly every five years. He had held five such, and now invited Hiouen-Thsang to assist at the sixth. We may, therefore, safely date his accession in 610. From Hiouen-Thsang, but more especially from the Châlukya inscriptions,4 we learn that Sîlâditya was engaged in a life-long struggle for dominion with Pulakeşi, the founder of the kingdom of Kalyan, who succeeded in establishing his power in Central India the year before Sîlâditya's accession,5 or in 609.

These wars are graphically described by Ma-twan-lin. "In the years 618 and 627," he says, "there were great troubles in the kingdom. The King Silâditya made war and fought such battles as had never been seen before. The elephants were not unsaddled in their rapid marches, the soldiers quitted not their shields, because the King had formed the project of uniting the four Indias under his rule. All the provinces which faced the north submitted to him." But from this admission it is clear that Pulakeşi still held his own in the south; we now understand why Silâditya was forced to forego the title of Adhirâja, and how Pulakeşi was entitled to claim it, as he does in his inscriptions, as we see presently.

Although both our Chinese authorities call this King throughout their narratives Sîlâditya, both in the Hoeï-li⁷ and Si-yu-ki,⁸ it is stated categorically, "Le roi actuel est de la caste de Vâisyas"—"son nom," or "il a pour surnom

⁸ H.-T. ii. 247.

⁷ H.-T. i. 111.

¹ H.-T. ii. 251. ² H.-T. i. p. 251. ³ H.-T. i. 203. ⁴ J.B.B.R.A.S. iii. 203 et seqq. ⁵ Madras Journal, xx. p. 81; J.R.A.S. xx. 253. ⁶ J.A.S.B. vi. 68; H.T. ii. 251. "Il accepta alors le héritage de la Royauté, se designa lui même par le nom de Prince Royal (Koumârarâdja) et prit le titre de Şîlâditya." His real name we were just told was Harshavarddhana.

Harchaverddhana," and he is so designated by Pulakeşi; nor is it difficult to see why he changed it. His grandfather was Silâditya of Malwa, whom Hiouen-Thsang describes in such glowing terms as a good and excellent Buddhist king. The latter reigned fifty years, viz., from 530 to 580.

Between these two Ṣîlâdityas, were two reigns. First, that of Ṣîlâditya's elder brother, who was slain by Ṣaṣanka, King of Karṇa Souvarṇa (apparently part of Burdwan and Bancorah), in 610; and the father of these two brothers, Prabhâkara-varddhana.³ We have no means of apportioning the thirty years at our disposal between these two, but we shall probably not err far in giving twenty-five years to the first and five to the second. We may also feel tolerably certain that no other king intervened between the two Ṣîlâdityas, not only in consequence of the name, but because Prabhâkara is expressly called by the ministers of his son "notre premier roi." ⁴

Before Sîlâditya of Malwa we come to the celebrated Vikramâditya of Ougein, who figures so largely in all the mythical histories of the Hindus. It is true we only learn this inferentially from Hiouen-Thsang. He calls him King of Sravasti,5 but as the transaction to which his story relates took place in the north of the Punjab, then under his rule, it is evident he was King, at least, of northern India, and the account which Hiouen-Thsang gives of his splendour and extravagance, clearly identifies him with the Hindu hero. We learn also, notwithstanding all our author says of him, that he was of the Brahminical faith,—inasmuch as he allowed his priests so to oppress Manorhita that he cut out his tongue, or had it cut out for him, which is more probable. He then goes on to tell us how his memory was avenged by Vasubandhu, in the reign of a good and pious prince, the successor of Vikramåditya, who can hardly be

⁶ H.-T. ii. 115.

¹ H.-T. i. 204. ² H.-T. i. 205. ³ H.-T. i. 112; ii. 247.

⁴ H.-T. ii. 248. M. Reinaud must have read his Hiouen-Thsang very carelessly when he wrote the paragraph quoted by Mr. Thomas, J.R.A.S. vol. xii. p. 44, in which he invents another Harsha between Prabhâkara and Râjavarddhana, and makes the destruction of the dynasty 607. No such person existed except as our Şîlâditya, and the catastrophe took place 648-50—not in 607 at all.

other than our friend Silâditya of Malwa. It is quite true all this is not stated by Hiouen-Thsang so consecutively that it would stand examination in a court of law; but I think any one reading his volume carefully would admit that it is the most probable version of the story. The proof of it, however, and of the earlier names in the subjoined list, rests in the evidence of the Râja-Tarangini, and other authorities, to which we will refer presently. Meanwhile, I propose to adopt the following as a tentative chronology of the period.

Vasudeva.

	Cotem. Bahram Gour,		420-440	
	Vikramâditya I.	•	-	447 (?)
	Harsha.			•
M.A.	Vikramåditya II.	-	-	495
M.A.	Şîlâditya of Malwa	•	-	530
M.A.	Prabhâkara	-	-	580
M.A.	Râja Varddhana	-	•	605 (?)
	Sîlâditya of Canouge		-	610
		Died	-	648-650

I know no reliable authority for the length of the reign of Vikramâditya the Great, or second of the name, and have therefore adopted Professor Wilson's estimate of 35 years. For our present purpose this, however, is of very little consesequence. The first three names stand at present as mere conjectures.

Balabhi and Châlukya Dynasties.

The two dynasties whose dates we next propose to examine, are almost wholly unknown to Indian literary history, and we should hardly know of their existence—certainly not of their importance—had it not been for a fortunate propensity they had to perpetuate their own glory and goodness by inscribing their history on copper plates when making grants to Brahmans and others. Sir Walter Elliot was the first to perceive the value of these, in so far as the Châlukya family were con-

3 Asiatic Researches, xv. p. 87.

¹ H.-T. ii. 118.

² Throughout I propose in the lists to distinguish those kings who were Mahârâjas Adhirâjas, with the capitals M.A.

cerned, and in 1837 published a most valuable resumé of the result of his researches in the fourth volume of the Journal of the Royal Asiatic Society. This he afterwards supplemented in the twentieth volume of the Madras Journal, and Major—now General—Le Grand Jacob has added immensely to our stores of knowledge regarding them, in the third volume of the Journal of the Bombay Branch of the Asiatic Society. Fortunately, the Châlukyas dated all their inscriptions in the Saka era, so there is no dispute whatever about their dates, except in the case of Pulakeşi I.

The Balabhi branch were not so fortunate. Their copper plate grants were first brought to light by Mr. Wathen, in the Journal of the Bengal Asiatic Society, in August, 1835. At first, the figured date of the plate first published was taken for 9, and then assumed to be in the Balabhi Samvat, 318; but when it turned out to be really 330, he and all other chronologers since have made up their minds that it must date from the Vikramâditya Samvat (57 B.C.).¹

My conviction is, the idea of dating the copper-plate grants from the Vikramâditya Samvat, would never have occurred to anyone had it not been for a mythical history of Balabhi which Colonel Tod obtained from Jaina sources, and unfortunately published in his Annals. Without dwelling on the earlier parts of this myth, the great fact he seeks to establish is that Balabhi was destroyed by the Parthians, 524 A.D., in the reign of a Sîlâditya, its last king. Its inhabitants were slaughtered with the usual romantic incidents; but after a while a remnant established themselves in Sidhapore, and finally built a new capital, which they called Anhulwara.—!

The utter falsehood of the information so supplied to Colonel Tod is proved by the fact, that when Balabhi was visited by Hiouen-Thsang, 115 years after its reputed destruction, he found it not only standing, and neither Sidhapore or Anhulwara thought of, but the old capital still remaining the richest and most prosperous city of India, and its king one of the three greatest kings of northern India. The king's

Thomas' Prinsep, vol. i. p. 257 et seqq. where all the evidence is collected together. See also a paper by Professor Dowson, J.R.A.S., vol. xx. 1, 47 et seqq.

Vol. i. p. 216, et seqq.

name was Dhrovapatou, and he was a nephew or grand nephew of Sîlâditya of Malwa, and the son-in-law of Sîlâditya, the reigning king of Canouge.1 Lastly, we have the dates in copper plates of a Dhruvasena, one in 310 + 318 = 628, the other 332 + 318, or 640, the very year that Hiouen-Thsang met him at Allahabad, if we assume them dated from the Balabhi Samvat. Against this view of the case I cannot find one single argument that will stand examination, since I think there is no doubt that we must put on one side those derived from Tod's statements, which have just been shown to be worthless. In addition to this, it may be remarked that nothing can well be more improbable than that the kings of Balabhi, reigning in that city, should employ any other Samvat than their own. This era was sufficiently important and well known to be quoted as one of the principal eras of India in the Somnath inscription in 1263,3 A.D., and was also quoted in the same sense by Albirûnî in the eleventh century.4 If it was known and quoted as important so long afterwards, it does seem inconceivable that it should not have been used by the Balabhi kings themselves. I may add that the style of composition, and the evidence of the character, all seem to me, in so far as I can judge, to indicate the seventh century, though that may be a matter of opinion.

To this we will return presently; but, meanwhile, assuming that all the Balabhi grants are in the local era, we have, according to Wathen, for Srî-Dharasena I., the date 330 = 648; 5 or according to Bhau Daji, 6 Dharasena I., 310 = 628 A.D. We have, according to the longest list, six names before Srî-Dhara to Bhaṭṭāraka, the progenitor of the race, and allowing twenty years to each, which is more than they probably are entitled to, this would take us back to 528 7 for the earliest date of the Balabhi dynasty, if we adopt Wathen's date, or 508 if Bhau Dajî's. By the same calculation from Dhruva we can only stretch them back-

¹ H.-T. i. 206; iii. 162, H.T. loc.

<sup>J.B.B.R.A.S., vol. viii. 245.
Thomas' Prinsep, i. p. 269, etc.</sup>

³ Tod's Annals, vol. i., p. 801. ⁵ Thomas *loc*.

⁶ J.B.B. R. A. S., viii., 245.

⁷ This so near Tod's date for the destruction of the dynasty, that I cannot help fancying the Jaina Annalist mistook the overthrow of the dynasty they superseded for that of their own dynasty.

wards to 568; but by no process can we, I fancy, carry the origin of the Balabhis beyond the limits of the sixth century.

The first two of the line were not kings, but only Senapatis, or commanders of troops. The third, Drona, had the dignity of king conferred upon him by the Lord Paramount of India in 550 (?), who in that case would be Siladitya of Malwa, which may account for their fondness for that name. Was he his nephew as mentioned above? One only assumed the title of Maharajadhiraja—Srî-Dharasena III., and that after 648, of whom more hereafter.

When we come to the southern branch of this family, we find a state of things singularly confirmatory of the above, and luckily, as these dates are in the Saka era, there is no ambiguity about them. Although Sir Walter Elliot's lists are the fullest, those of Le Grand Jacob are the most satisfactory, and as he gives translations in full of the inscriptions he uses, we learn from them several particulars of considerable interest.

As the best mode of explaining their history, I quote at length their style and titles as gathered from the Yevûr grants, and an abstract of one of the inscriptions, which gives a clear abstract of their history:—

Ancestor of the race. Hâriti descended from Manu. Şrî Pulakeşi Vallabha, Mahârâja.

Şrî Kîrrtivarma Prithivî Vallabha, Mahârâja.

Satyâşraya Şrî Prithivî Vallabha, Mahârâja Adhirâja Parameşvara. 609.

Şrîndrâditya (or the name would more correctly appear to be Şrî Chandrâditya)
Prithivî Vallabha Mahârâja.

Vikramâditya Satyâşraya Şrî Prithivî Vallabha Mahârâja Adhirâja Parameşvara Bhaţţâraka.

Vinayâditya Satyâşraya Şrî Prithivî Vallabha, Mahârâja Adhirâja Parameşvara Bhaṭṭâraka. 680.

Vijayâditya Satyâşraya Şrî Prithivî Vallabha, Mahârâja Adhirâja Parameşvara Bhaţţâraka. 695.

Vikramâditya II. 733.

1 J. R. A. S., vol. iv. p. 1, et seq. Madras Journal, xx., 78 et seq.

The following extract from one of their inscriptions fills up the details of their history, in so far as it is necessary for our present purposes:—

This race was ornamented by the great king Pulakesi Vallabha who purified himself by the sacrifice of a horse, and consequent abluent rites. His son, the great king Kîrttivarma, lord of the earth, having subdued and forced all his enemies to take refuge in forests, etc., firmly implanted his pure fame amongst them. His son Satydéraya lord of the earth, and king of kings, much devoted to war, and to whom all kings paid homage, gained by the defeat of S'ri Harshavarddhan, hero of the northern countries, the name of Paramesvara. His beloved son, Vikramaditya, father of intelligent sons, lord of the earth and king of kings, desirous of supremacy, supported by a harmonious brotherhood, whose lotus-like feet were kissed by the crown of the despotic king of Kanchi, subdued all his rivals on one horse alone, the excellent Chitra-Kandha. His beloved son Vinayaditya, lord of the earth and king of kings, desirous of supremacy, disabled as Tarakarati (i.e. Skanda) did the Daityas the insolent forces or Dhuerajyus king of Kanchi; he made the rulers of the Islands, Kumera, Parasika, Sinhaha, etc., pay him tribute and gradually acquired the full symbol of supremacy, (Pádídhvaja, etc.,) by the overthrow of the kings of the northern countries. His beloved son Vijayaditya, lord of the earth, and king of kings, desirous of supremacy, attained, even in his childhood, the whole science of rendering weapons efficacious by charms. His grandfather (Vikramáditya) had conquered the kings of the South, but he exterminated all of them who were inimical to him, and after the death, in battle, of his father (Vinayaditya), who made conquest of the northern countries, he, moving about at will, got his scymitars' edge blunted by the slaughter of his enemies' numerous elephants. He, foremost in battle, ardent in noble enterprises, made all his enemies subject to him. No sooner did he hear of anarchy than he left his house, like Vatsarájá (i. e. Udayana of the solar race) relying on his own power, removed this source of misery in the country, and the excess of every vice, which had arisen from the oppression of Brahmans, a royal calamity; giving protection to all his subjects by the strength of his arms. He is arbitrary, at all times possessed of the three royal attributes (i. c. Bravery, Policy, and Energy). He humbled the pride of his enemies, but he himself cannot be mastered. He is spotless, and for all this is become all the world's support. His dominions, adorned by all the symbols of supremacy (Pádídhvaja, etc.) are ex-He commands thus. "Be it known to you that we, in S'aka 627, (A.D. 705,) the tenth current year, Pravarddhamán of Vinayaditya's reign, at the request of Dupendra, granted Kumára, in the country Mahásaptami, to the best and amiable Brahmans, inhabitants of the village of Hikudhamba, who have penetrated through the Vedas and their branches." 1

The only doubtful date in the above list is that of Pulakesi I. Sir W. Elliot states that he has seen an inscription or grant of his, bearing the date of Såka 411,2 (A.D. 489) though he himself feels so little confidence in this, that four pages further on he proposes to bring him down to 610; no such violent ad-

¹ J.B.B.R.A.S., iii. p. 206, et seqq.

² J.R.S., vol. iv. p. 8.

justment however seems necessary. But if Pulakeşi I. was the grandfather of the second king of that name, which all the inscriptions assert, and which there seems no reason to doubt, not only from the name being the same, but from the details given, it becomes morally impossible that he should be reigning in 489, and his grandson succeed in 609. The latter date we may look on as fixed within very narrow limits, not only from the inscriptions, but from Hiouen-Thsang's testimony quoted above, and I cannot help suspecting that the 411 is a mislection or a wilful alteration from 511. Assuming that he died in 590, this would give nineteen years for the joint reign of the two brothers, Kîrttivarma and Mangalîșa,1 and if we allow fifty or sixty years for the first three names on our list, the accession of Jaya Sinha would be in 530 or 540, or, in round numbers, very nearly the date we reached for the Balabhi branch of the family. Of course adjustments of this sort are open to correction to a considerable extent, as we choose to assume a longer or shorter index for a king's reign; but my conviction is that Bhattaraka, the progenitor of both those two illustrious races, attained manhood within the limits of the sixth century, and most probably his title of Senâpati not before 528.

We are nowhere told how long Pulakesi II. lived; he was alive and vigorous when Hiouen-Thsang visited him in 638-9, and may have lived for ten or twenty years afterwards. On his death, however, the glory of his line was for a while eclipsed. Sir W. Elliot introduces two féneant kings, Amara and Âditya—who are entirely omitted in General Jacob's inscriptions. Instead of these we have a Chandrâditya, who did not take his father's title of Adhirâja. This, however, was resumed by his successor, who was his younger son and named Vikramâditya. He died 680, but unfortunately we are not told when he commenced his reign. If we allow him twenty years it would take us back to 660, which, for

In the genealogy above quoted, General Jacob, by some oversight, omits Mangalisa, though his third inscription is by him, and fully confirms all we learn from the others. In it mention is made "Shankaraga's son Budha Râjâ." The first probably being the Şaşanka, who, according to Hoei-li (112) killed Râjavardhana, of Canouge. This inscription unfortunately is not dated.

reasons to be given hereafter, may be near the mark. The two following kings also bore the title of Adhiraja, till the pride of the house was finally extinguished in the reign of a second Vikramaditya, who succeeded to them in 733.1

The question, therefore is, who was the Adhirâja, who dispossessed Pulakeşi's eldest son? My impression is we have not far to seek. Srî-Dharasena III. alone of the Balabhi kings assumed the title, and though we cannot fix his date with absolute precision it was certainly after 330-648, and before Sîlâditya II., whose date appears to have been 338-348, or 656-66, which is exactly the gap we wish to fill up.

We are thus enabled to complete our list of Mahârâja Adhirâjas, from the accession of the great Vikramâditya in 590 (?), till it passed from the feeble hands of a successor of the same name, 733, or say, without a break for 150 years, thus:—

•				
M.A.	Vikramâditya of Malwa	-	-	490
,,	Şîlâditya do.	-	-	530
,,	Prabhârakara of Canouge	-	-	580
,,	Râja Varddhana -	-	-	605 (P)
,,	Pulakeşi II. of Kalyan -	-	-	609
,,	Sri-Dharasena III. of Bala	abhi	-	650 (P)
,,	Vikramâditya of Kalyan	-	-	660 (?)
,,	Vinayâditya do	-	-	680
,,	Vijayâditya do	-	-	695
,,	Vikramâditya II	-	-	733
, .				

Before leaving the family, it is necessary to say a few words about another branch of them, who are mentioned in a copper-plate translated by Professor Dowson in the 1st vol. new series of the Journal of the Royal Asiatic Society. In this grant we have the names, Jaya Sinha, his son Buddha varna, and Vijaya Raja Sarva. As no such name occurs in any of Sir Walter Elliot's lists as the second name here, and no such sequence anywhere, either in his or General Jacob's, we may safely assume that this is a new family altogether. Besides this, the locality is altogether different, all the grants of the great Châlukya family are found south of the Nerbuddha. This was found at Kaira in Gujerat.

¹ Madras Journal xx., p. 81. ² J.B.B.R.A.S. viii., 245.

After what has been said above, there can be little doubt of the Samvat in which it is dated; for, as the Professor says, "to decide the era of one, is to settle that of all." 1

The date of this being S. 394, its date is A.D. 712, and the donors were evidently a branch of the great Kalyan family, which was then at the height of its prosperity.

One curious point regarding this grant, which is very misleading, and seems to have misled the Professor, is the constant recurrence of the same name in the same family. Thus Jaya Sinha, the first named here, is the same as the first of the Kalyan branch, nearly two centuries earlier; and the last is identical with the third of the same name, who began to reign in Kalyan 695, and was contemporary with this very king, as he died 733.² If nominal similarities were of any use in such an inquiry, we might be justified in assuming they were the same persons. The names of their fathers were, however, different, and the one was a simple Mahârâja, the other a Mahârâja Adhirâja; and we must consequently reject the synonym. It is a trap, however, which will frequently occur in the sequel, and cannot be too carefully guarded against.

Râja-Tarangini.

KINGS OF KASHMIR.

Hushka
Jushka
Jushka
Kanishka
Lished Buddhism.
Abhimanyu, 21 A.D.

GONARDYA DYNASTY.

Gonarda. Naga worshipped.
Vibhîshana.
Indrajita.
Rāvana.
Vibhîshana.
Nara.
Siddha.
Utpalâksha.
Hiranyâksha.
Hiranyâksha.
Hiranyâkula.
Vāsukûlo.
Mihirakula, 180?

Vaka.

Kshitinanda, Vasunanda. Nara. Aksha. Gopâditya, 280 ?

¹ Jour. R.A.S., N.S. i. 250.

Gokarņa. Narendrāditya. Yudhishṭhira.

ÂDITYA DYNASTY.

Pratâpâditya, 340. Jalaukas. Tunjîna. Vijaya. Jayendra. Ârya Râja.

GONARDYA LINE restored.

Meghavâhana, 431.
Pravarasena I., 465.
Hiranya 495.
Toramâna 495.
Mâtrigupta, 525.
Pravarasena II., 530.
Yudhishthira II.
Nandravat.
Ranâditya.
Vikramâditya, 492, 30th year, 622.
Balâditya, 634, cotem. Yezdegird and Hiouen-Thsang, died 645?

Madras Journal xx. 81.

It has been said that the Raja-Tarangini is the only Sanskrit work to which the title of history can with propriety be applied; but, in addition to this claim on our attention, if I am not mistaken, it is more than a mere history of the valley of Kashmir, as its title would imply, for it contains also considerable fragments of the history of the rest of India. If the Asoka mentioned in Kalhana's lists is the celebrated Mauryan king-which, however, is by no means clear-he was not only sovereign of the valley, but of the whole of Northern India besides. Kanishka, we know, was master of the whole of the Punjab, at least. So was Mihiracula; and even after his defeat and imprisonment by Balâditya, he recovered Ghandâra, which was a portion of his original kingdom.1 Meghavâhana conquered Ceylon, he must have had possession of the intermediate countries, and as Pravarasena dethroned and afterwards reinstated Sîlâditya, the son of the great Vikramâditya, he must have been practically master of the whole of the north of India. The same must be the case with Lalitâditya and others, if half we are told of them is true. All this will be clearer in the sequel; but, meanwhile, let us try if we can fix the dates of the kings ruling in Kashmir with a little more precision than has hitherto been done.

The dynasties with which we are at present concerned, are the first and second Gonardya, and the Âditya dynasty that comes between them. Generally they may be described as reigning between the early years of the Christian era, and the early years of the Hegira; and the first point is to ascertain, as nearly as may be, their initial and final dates.

There seems little discrepancy of opinion among chronologists with regard to the first, or to Kanishka's date. General Cunningham hesitates between 17 and 24 A.D., for his death, and Lassen⁴ brings him down to 40 A.D. From

¹ H.-T. ii. 190.

In the following pages I have generally used Professor Wilson's abstract of the Raja-T. in the fifteenth volume of the Asiatic Researches. M. Troyer's translation is extremely useful in filling up details, but as the MS. he seems to have used was much less full and complete than that of the Professor, the latter contains many particulars most useful for our purposes, which the translator omits.

³ Numismatic Chr. viii., 175. J. A. S. B. vii., 704.

⁴ Ind. Alterthums., vol. ii., p. xxiv.

such attention as I have been able to pay to the subject myself, I have come to the conclusion that the General's second date is the most probable; but the concurrence of all authorities is so near, that it is not worth while arguing the point here.

With regard to a final date, we have the assertion of Bedia-ud-deen, that the 30th year of Vikramâditya was coincident with the Hegira (622), and that his successor Balâditya was contemporary with Yesdegird.¹

This is just such an assertion as I should feel inclined to accept at the hands of a Mahommedan historian. We know from several sources that the followers of the Prophet were feeling their way on the banks of the Lower Indus in the very first years of the Hegira, and that they were in Cabul, possibly in Lahore, in the forty-fourth year after the flight,² and this appears just one of those facts which they could most easily ascertain, and were most likely to record.

This view has recently been confirmed by a circumstance mentioned incidentally by Sir H. Elliot. In his Appendix, p. 143, he places the accession of Cach in 10 H. The expedition to Kirman in 14 H.; and between these two events happened the siege of Multan. When pressed, Bajhrâ sends to ask assistance from his suzerain, the King of Kashmir. His messengers bring back news that the king was dead, his young son had just succeeded, and no hope of aid could be entertained. This happens to be exactly the year in which Bedia-ud-deen places Vikramâditya's death. Though his successor seems according to the Kashmir annals, to have been his brother, not his son; this is of little consequence. If, as General Cunningham asserts, Durlabha succeeded in 625, no change took place down to 39 H., and the founder of

¹ A. R., xv., p. 41.

² Elphinstone's History of India, i., p. 496, et seq. Sir H. Elliot's Mahomedan Histories, passim.

Report to Government, 1861-2, p. 12. The General assures me he has materials quite sufficient to establish the correctness of this date. When they are published I shall be happy to give them my most earnest attention, and to modify the above if I find them conclusive. In the meanwhile, however, the difference between us is only twenty years, and that is not important for our present purposes.

the new dynasty was not at all the man to refuse assistance to his vassals.

If these views are correct, it is evident that Balâditya, 634-645, was the king who occupied the throne both on Hiouen-Thasang's first visit and on his return; but, unfortunately, as he provokingly does not mention the king's name—he was a heretic—his narrative is of no assistance to us here. There are certain circumstances, however, that make it probable that no recent revolution, or change of dynasty, had taken place, and though I do not rely, as Bhau Dajî does, in the name of the monastery in which he lived, I, on the whole—without being able to adduce any distinct point of evidence—prefer the view here put forth.

Between the initial and final date thus fixed, we have almost exactly six centuries, and during that period thirty-seven kings are recorded as having held sway in Kashmir; thus averaging, as nearly as may be, sixteen years to each reign. This result accords so nearly with the average of the succeeding, or Kârkoṭa dynasty, regarding whose dates there is very little doubt, as well as with the whole tenor of Indian history, that it almost amounts, in my mind, to a proof of the correctness of the data on which we are proceeding.

If any one will take the trouble of adding up the averages of any of the Hindu or Mahomedan dynasties of India, whose dates are known, he will be astonished how nearly this average is sustained when a sufficient number of reigns exist to make an average. Take, for instance, one of the most exceptional: In the Moghal dynasty of Delhi we have four reigns, from Akbar, 1556 to Aurangzeb, 1707, averaging nearly thirty-eight years each; yet, when we take the whole from Baber, 1494, to Akbar II., 1806, we find the average reduced to fifteen; or sixteen, if we omit some names that can hardly be said to have reigned. Or take the longest list we know, that of Ceylon, according to Turnour (Mahawanso, p. lix.), we have 165 reigns in 2341 years, or little more than fourteen years; but it must be admitted that for some periods the Cingalese

Government was singularly feeble and disturbed, so this is probably an exceptionally low average.

To this we shall have frequent occasion to return hereafter, but in the meanwhile I may state that when we find a dynasty averaging from fifteen to seventeen years, we may feel pretty confident that there is no great error in the initial and final dates from which the average is calculated; or, if these are known, that there is a great probability that we have the correct number of names that ought to be found between these two points.

Turning from these generalities, and assuming for the present, at least, that Vikramâditya ascended the throne 592, we find the dates of the four preceding reigns are enormously exaggerated, amounting to 415 years. Applying an average of sixteen years we reach 528 for the retirement of Mâtrigupta and the accession of Pravarasena II. The real date, as we shall presently see, was most probably 530.

The story of Mâtrigupta is told, in great detail, in the third book of the R.T., and, putting aside the usual padding of Hindu chroniclers, there seems no reason to doubt its general historical correctness. At a period, after the death of Hiranya, when Kashmir was without a king, Vikramâditya, of Ougein, sent a dependent of his own to occupy the vacant throne, exercising in that act his right as lord paramount, or Adhirâja of India. This time there is no possible mistake about the king being the one so famous in Hindu story, the possessor of the wonderful throne supported by thirty-two Apsarasas, the patron of poets, and of art and science of every sort; in fact, he was not the king of kings, but the demi-god of Hindu imagination.

As soon as Mâtrigupta heard of the death of his patron, he retired to Benares, leaving the throne to Pravarasena. "He immediately invaded the kingdom of the south, turned his arms against the son and successor of Vikramâditya, named Pratâpa Şîla, or Şîlâditya, whom he drove from his capital and made prisoner. He seems to have been contented with

¹ Troyer, vol. ii., p. 94. A. R. xv., 39.

the expression of his resentment, and not only to have spared the life of the prince, but to have put him again in possession of his hereditary kingdom, carrying off, however, the throne of the Apsarasas, which he transferred to his own capital."¹ Bedia-ud-deen, Professor Wilson adds, "carries Pravarasena to Bengal, also, where he subdues Behar Sinh, ruler of Dhacca."

As mentioned above, Hiouen-Thsang gives the accession of Silâditya in 530, which is so nearly what we arrive at by the above calculation that we may accept it as certain within a year or so either way. Assuming this, we have four events which occurred in this year, which are most important for our chronology:—the death of Vikramâditya the Great; the accession of Silâditya to the throne of Malwa; and the retirement of Mâtrigupta; followed by the accession of Pravarasena II. to the throne of Kashmir.

Proceeding upwards, the R.T. allows thirty years for the joint reign of the two brothers, Hiranya and Toramana—a duration, I am inclined to think, very probable from the following circumstance: Pravarasena II. was not born till after his father Toramana had been deposed and imprisoned. When Matrigupta was first sent, Pravara declined to oppose him, though urged by his mother to do so. He was apparently too young; while to act as he did act on Vikramaditya's death, he must, at least, have been 25 years of age.

This would allow only ten years for the joint reign of the two brothers, and, from the context, we can hardly allow less. This would take us back to 495. The next preceding reign was Pravarasena I., the grandfather, of course, of the second of that name, and he was preceded by Meghavâhana, whose name sounds much more like a title invented by the Kashmiree chronicler to hide a foreign conquest, than a real name. Be this as it may, these two reigns are represented as extending to 64 years, or to A.D. 431. This I should feel very much inclined to reject as excessive, were it not that in the R. T. he is said to have invaded Ceylon, and, adds Troyer, l. iii., s. 72,



"Monta avec son armée sur un rocher nommé Rohanam, &c." Turning to the Mahâvanso, under the date 434, we find the following entry: "A certain Damilo, named Pandu, landing from the opposite coast, put Mettasena to death on the field of battle, and usurped the kingdom of Lanka. All the principal natives fled to Rohana," &c.

The dates are too near to admit of doubt but that these narratives relate to the same event; but, as I said on a previous occasion, I cannot help fancying that the Ceylonese dates are all from ten to fifteen years too early in this period.

The king, being called by the generic name of Pandu—Pandava—does not help us to an identification; but, it will be observed, it is the same name as is given by the Ceylonese, to the Emperor of Magadha in the Daladavanso, above a century earlier.

To this subject we must return again presently; but meanwhile, it is only necessary to remark, that if Meghavahana did invade Ceylon, as he is reported to have done, he must also have borne another name, and been sovereign of the intermediate countries. It is absurd to suppose that the king of a remote Himalayan valley, that never could have contained a million of inhabitants, could have marched the whole length of India on such an expedition. He must have been a possessor of the five Indias, but what his real name was we must try afterwards to find out.

We have no contemporary incidents and no internal evidence by which to check the length of the reigns of the six kings of the preceding, or Aditya dynasty. It could not however, have lasted long if it is true as we are told in R.-T., that Meghavahana was the great grandson of Yudhishthira, the last king of the first Gonardya dynasty. If we allow them fifteen years each, which is rather more than the average we are now reduced to, this would place the accession of Pratapaditya, about 344. "He was," says Pro-

¹ Mahawanso, p. 254. ² J.R.A.S., N.S., vol. iii., p. 152. ² J.A.S.B., vol. vi., p. 865. A. R. xv., p. 32.

fessor Wilson, "invited from another country: he was a kinsman of Vikramåditya. A different monarch, says our author, from the Sakari Vikramaditya, although sometimes erroneously identified with this prince." 1 This fact, though not very clear, is worth bearing in mind, as Wilford, from Jaina authorities, insists on an earlier Vikramâditya; and there certainly does appear to have been a king of that name before the great king—the son of Harsha. My own impression is, that he was his grandfather; this one is too far removed for that, but we may be able to identify him hereafter. Meanwhile, I see little reason to doubt his existence; but if my theory is correct, he ought to have been contemporary with the first king of the second Gonardyan dynasty (A.D. 447), and not with the first of the Aditya race, which is a century too early for any king of that name we know of.

Mihirakula is the only other king in the Kashmir list whose date it is necessary for our present purposes to attempt to fix. Unfortunately, we have no other means than averages available, but they do come out so nearly exact in these lists, that we cannot err far in placing his accession about the year 180 A.D., to say 200. This would accord perfectly with Hiouen-Thsang's expression when he describes him thus:—
"Plusieurs centaines d'années avant l'époque actuelle il y eut un roi nommé Mahiracula qui établit sa résidence dans cette ville (Sakala) et devient Souverain des cinq Indes."²

The story of his wars with Balâditya, king of Magadha—his defeat and imprisonment—are among the most curious and interesting episodes of Indian history to be found in the Chinese pilgrim's narrative; but as it is only his date that we are here concerned with, we must leave him with it established certainly within a limit of error of 20 years either way.

To all these dates we shall have occasion to refer again in the sequel, and it is consequently unnecessary to enlarge on them more at present.

The Guptas.

FIRST THEORY.				SECOND THEORY.				
			A.D.					A.D.
Gupta, or Balabhi	Era	•••	3 18	•••	•	•••	•••	318
Gupta	•••	•••		•••	•••	•••	•••	318?
Ghatotkacha	•••	•••		•••	•••	•••	•••	335?
Chandra Gupta I.	•••	400,	411	•••	•••	•••	•••	355?
Samudra Gupta	•••	•••	415?	•••	••	•••	•••	375?
Chandra Gupta II.	•••	•••	440?	•••	•••	•••	400,	411
Kumâra Gupta	•••	•••	442	•••	•••	•••	•••	442
Skanda Gupta	•••	448,	459	•••	•••	•••	448,	459
Budha Gupta	•••	•••	463	•••	•••	•••	•••	463
Toramâņa	•••	•••	498	•••	•••	•••	•••	498

We now approach the Gupta Era, which has hitherto been the great difficulty of mediæval chronology in India, not that I think their date more uncertain than those we have been discussing, but the weight of authority arrayed against the views I am about to propound might well make any one pause before announcing them too confidently.

When General Cunningham wrote his work on the Bhilsa Topes, he took the same view of the era of those kings as I now do, but he has since seen reason to change his opinion regarding them, and to adopt that of Mr. Thomas, that the Gupta kings reigned before the era that bears their name (318-19). For a long time this seemed to me conclusive, for when an author of his standing and acknowledged familiarity with the subject retracts a published opinion, and adopts another, he must be supposed to have had good reason for so doing, and his second opinion is more worthy of consideration than the first. In this matter, however, I consider Mr. Thomas as a more formidable antagonist than even the General. years past he has studied the coins, and with them the Gupta period, with more assiduity and care than any other person, as his numerous publications on the subject fully attest; and no one can estimate more highly than I do, either his ability or the perfect fairness with which he treats the subject. Notwithstanding this, I venture to differ from him, first, because I think his conclusions are drawn too exclusively from numismatic evidence; and, secondly, because I fancy he places too much reliance on the testimony of Albîrûnî, an Arab author of the

eleventh century, whose authority I am inclined to disregard entirely.

The testimony of Albîrûnî on this subject, with which we will first deal, is contained in the few following words, as translated by M. Reinaud: "Quant au Goupta Kala (ère des Gouptas), on entend par le mot Goupta des gens qui, dit-on, étaient méchants et puissants; et l'ère qui porte leur nom est l'époque de leur extermination."

The first thing that strikes anyone on reading this assertion is its extreme improbability. My memory may be at fault, but I do not know any similar occurrence in the history of the world. The nearest approach to it is the era of Yesdegird. If it had been dated from the battle of Kadesia or the death of the king, it would have been a case in point; but it was established by the king himself in the pride of power and greatness, and dates from the first year of his reign, and seems to have been perpetuated by his co-religionists in opposition to the Hegira, which was introduced by their hated conquerors.

In the next place, if it were possible to fix their destruction with such precision in 318, some event of importance must have happened in that year—a battle, or massacre. We ought to know the name of the last Gupta, or to have heard the boast of their exterminators; neither history nor tradition, nor does any inscription hint at any such event as occurring at or near any such time. When we look into the case a little more closely, we find there are a variety of Gupta inscriptions dated from 82 to 165,2 from some unspecified era. If it was not their own, it must have been the Saka 78, A.D. At least Albîrûnî knows no other about the time. This, however, would only take us down to 243 A.D., and still leave us seventy-five years to fill up before we get to the last Gupta, and we have no names to put into the gap.

As I only refer to Albîrûnî in consequence of the value Mr. Thomas attaches to his evidence, I take the passages as found in his essays, to which alone I refer. They will be found in the twelfth volume of this Journal, p. 1, et acqq., and in his edition of Prinsep, vol. i., 268 to 276. As they are comprised in so short a space, it will not be necessary to refer specially to each page.

² They are collected by Thomas in his edition of Prinsep, vol. i., p. 246 to

249.

Albirûnî goes on to say, "Apparemment, Ballaba suivit immédiatement les Gouptas." If I am correct in the date I have above assigned to Battâraka, the progenitor of the Balabha race, we have at least two centuries to spare between the first Râja of that family and the last of the Guptas, on the assumption that they were exterminated in 318.

A little further on, however, Albîrûnî contradicts himself when enumerating the eras of India, as they occurred, he says, "on emploie ordinairement les ères de Sri Harcha (400 years before the next) de Vicramaditya, de Saca, de Ballaba, et des Gouptas." Here the order of the two last is inverted, and it is clear he knew of no era between 78 and 318, from which the Gupta inscriptions could be dated.

I may add that the two Harsha eras which he quotes—one 457 B.C., the other 607 A.D.—are, so far as we now know, pure inventions, or mistakes of his own. No trace of them is to be found elsewhere.

I could easily adduce other reasons why I distrust entirely this Arab author, but the above are, for the present I hope, sufficient to justify me in putting his testimony aside. He was a foreigner, and lived six centuries after the events we are discussing, and it is not consequently to be wondered at that he blundered to the extent he did. As I hope, however, presently to adduce proof positive that the Guptas did date from their own era, this, perhaps, is more than is now necessary to say with regard to him; but so much stress has been laid on his assertions, that it was impossible to pass him over, as otherwise I would have been inclined to do.

When from Albîrûnî we turn to authors nearer home, we find that the only mention of the Guptas anywhere is in the

Messrs. Reinaud and Thomas were final; both are competent Arabic scholars, and, as I am not, I have taken the meaning as they understand it. On page 271, vol. i. of Mr. Thomas' Prinsep, he gives another translation in the following words: "The Kúbat Kál (Gupta era) that was, as is said, a wicked and powerful family; when it ceased it was dated from, and as it were (it would seem that) Balab was the last of them, for the first of their era also is 241 years after the Shaka Kál." If that word also has any right to be where it is put, there is an end of the question, and we are fighting with shadows, in so far as Albirûni is concerned. All I contend for is, that both dated from 318 A.D.

Purânas, and their chronology is, unfortunately, most vague and confused about this period. Both Dr. Mill, however, and Professor Wilson² were of opinion that the Guptas of the Purânas could not be earlier than the seventh or eighth century. The argument is long and tedious, and the result, probably, even if undertaken by the best Sanskrit scholar, would hardly be sufficiently conclusive to be worth the space it would occupy. But, perhaps, I may be allowed to state, generally, the conclusions I have arrived at regarding it.

My impression is that the chronological dates, and, generally, the facts, on which the Puranic literature is based, were first collected during the great revival of Hindu literature, which took place under Vikramåditya in the beginning of the sixth century; though of course it is admitted that the Puranas were not reduced to their present form till long afterwards. Now, it appears to me that, down to Pulomat, in the beginning of the fifth century, the Puranic lists are fairly clear and consecutive; but as they approached known times—on this theory, in order to keep up their mystic and prophetic characterthey were purposely confused and mystified. My conviction is, that all the dynasties mentioned in the Vishnu Purana, for instance, as reigning subsequent to the last Andhra, were so far contemporaneous, that none of them extended to Vikramaditya, and the whole must be included between 350, or rather 400, at the earliest, till 500 A.D. as the last of them. If this is so, the testimony of the Purânas "valeat quantum" is that the Guptas reigned in the fifth century A.D. To my mind the Puranic argument appears perfectly clear and convincing, but I fear I cannot so state it as to carry the same conviction to others. We shall have occasion, however, to return to it in the sequel. Nevertheless let us see what the Guptas say for themselves.

The following is, I believe, a correct list of the dynasty:—
DYNASTY.

DATES ON INSCRIPTION.

Şrî or Raja Gupta. Maharâja Ghatotkacha.

¹ J.A.S.B., vi., p. 12.

² Vishņu Purâņa, 478; Ariana Antiqua, 407.

³ V. P. 474.

DTHASTY.		DAT	ES ON INSCRIPTION.	
M. R. adhirâja	[.	82, 93.		
,,	Samudra ,,			
**	Chandra Gupta	II.		
27	Kumara "		124.	
>>	Skanda "	130, 1	37, 141.	
	Mahendra a	minor.		
Mahârâja Srî Hastina.			163.	
Râja Buddha.			165.	
M. R. adhirâis	Toramâna.		182.	

Neither Sri Hastina nor Toramâna can properly speaking be called Guptas, but as they date most undoubtedly from the same era, they are commonly classed with them.

Here, then, we have a dynasty of nine or ten kings who, according to their own showing, reigned at least 180 years, or about 20 years a-piece, a number a little in excess of what we might expect, but there may have been names we have not got. The only question is from what era are these dates reckoned.

As before mentioned, if it were either the Samvat of Vikramåditya or the Saka, they must have been destroyed long before 318; and unless a date, either 85, or at least 68 years more modern can be found, the argument halts. Certainly Albîrûnî knew of no such era, nor do I know where to look for it.

Assuming that these dates are from the Gupta Kâla, 318, we are at once met with a difficulty which I do not now see how we are to get over. We have at present no means of knowing whether the two dates I have placed opposite the first Chandra Gupta belong to him or the second—another illustration of the inconvenience of a grandson adopting his grandfather's name! Assuming it to be as I have placed them at the head of this section, according to the first theory, Chandra Gupta I. reigned 400 to 411. In this case, the two preceding reigns must have occupied 80 or 82 years, on the supposition that their reigns extended to the beginning of the Era, which is far from being proved. On this theory, the succeeding reigns must have been compressed to an equally

unusual extent. If these dates belong to the second Chandra Gupta, the whole dynasty may be tolerably evenly distributed over the whole period, allowing 20 years to each reign. The more equal spacing of the reigns of these kings is tempting at first sight, but the whole evidence, so far as I am acquainted with it, tends in an opposite direction, and favours the assumption that the Sanchi inscription belongs to the first Chandra Gupta.

Pending the discovery of an inscription to settle this point, the question seems mainly to hinge on who was the Shahan-Shahi of Samudra Gupta's Allahabad inscription. If any one, even if very moderately acquainted with Indian or Persian history, were asked which of the Sassanian kings was most likely to be mentioned in an inscription at Allahabad, he would almost inevitably answer Bahram Gaur. He reigned 420-440; and if the date 93 belongs to the first Chandra Gupta, the writer of the inscription could not have ascended the throne before 411—it might be 415 or 420.

In the same line of this inscription occurs another name, on which Prinsep makes the following remark:—"Sainháṭṭa—the country of the lion (Sinha), might safely be identified with Sinhala in Ceylon, especially as it is followed by Sarvadwipa—all the isles, which must refer to the Anca diva of Ptolemy, etc." He then goes on to suggest that the word may apply to some insignificant hills among the Western Ghats. This we may safely reject. Such a place would never be coupled with the Persians, the Scythians, and Huns; but Ceylon might.³

If we turn back to either the Kashmir or Ceylon annals we find (ante p. 100) an Indian Conquest of Ceylon in 434, which also might safely be made to fall within this reign, and Meghavâhana would then be only a title of Samudra Gupta. Supposing, however, it should turn out that the dates above quoted (82 and 93) belong to the second Chandra Gupta. This would hardly alter the facts. Bahram Gaur's visit would fall in the reign of Kumâra, and the Shah of the

¹ J.A.S.B. vi. p. 974; Thomas' Prinsep, i. 233, et seq. ² Lee. e. ³ We probably must refer again to the Lât for the true reading.

inscription would be Shapur III., or Bahram Kerman Shah, both of whom most probably formed alliances with the kings of India of that day. In that case the Meghavâhana of Kashmir was probably Skanda the last, and probably the greatest, of his race.¹

On the whole, the first is the view I am at present inclined to adopt; but it is little use arguing a question which an inscription with a date may settle any day. Either view will suit all the facts we now know; and so far as history or probability are concerned I know nothing to militate against the view that the greatness of the Guptas ended with Skanda, about the year A.D. 460.

Whatever may be determined with regard to the connexion of Meghavâhana with the Guptas, the name of his successor, Pravarasena, presents a nominal similarity too tempting to be overlooked, though it may be difficult to establish the identity in an absolute manner.

From the Seonî copper plates? we learn that the grantor was a Mahârâja Pravarasena, the grandson of Mahârâja Adhirâja Ṣrî Deva Gupta. Deva was no doubt a title only, as it does not occur anywhere else in our lists; but in the Sanchi inscription we are told in so many words that the Chandra Gupta of 93, was "generally known among his subjects as Devarâja." Assuming for the nonce that this was the king, the Pravarasena of Seonî was the contemporary of him of Kashmir, if he was not the same. It is a very curious coincidence at least, if it is nothing more.

There is also another inscription of the same Pravarasena, in the so-called Zodiac Cave, at Ajanta. This, though much mutilated, has been so far deciphered by Bhau Dajî⁴ as to make it clear that it is the same king who excavated the cave, and who made the Seonî grant. It seems also clear that he

4 J. B. B. R. A. S. vi. pt. 2nd, p. 56.

A probable explanation of the matter is, that the Kashmir King may have assisted his Suzerain in his expedition to Ceylon, and when he returned home, boasted that, "He had done it." The Châlukya Adhirâjas boast so continuously of their conquests of Ceylon, (J. B. B. R.A.S. III., p. 205,) that it is probable that from the time of the Guptas, or at least from 434, the island remained more or less a dependency of the Emperors of India, for a considerable time at least.

2 J.A.S.B. v. 726.

3 J.A.S.B.; Thomas' Prinsep, i. 245.

was of the Vindhyasakti race who are mentioned in the Puranas before the Guptas.1 As I said before, however, I believe all that group of dynasties are contemporary, or nearly I would not, therefore, insist on this, but what I do insist upon is that the cave could not have been excavated before the year 400 A.D. When I first wrote on the subject I said "I believe this, and the one before it, was excavated between the fourth and sixth century after Christ, but more probably about the latter date."2 I have since felt inclined, as my knowledge of the subject increased, to ascribe this cave to a more modern date, but, on the whole, after a careful analysis of the Topes, at Sanchi and Amravati, and a review of the whole subject, I feel convinced that it must have been excavated within the limits of the fifth century. Now, that we know that it owes its origin to a grandson of one of our Gupta kings, this, to my mind, is in itself sufficient to settle the question, though others may not attach so much weight to this argument as I do.

The name of Toramana, one of the successors of Pravarasena, in the Kashmir list, affords a more tempting nominal similarity than even his father's name.

We have two inscriptions, one at Eran,³ and the other at Gwalior;⁴ neither is dated from any era, but the former is closely connected with that of Budha Gupta, at the same place, which is dated 165. Toramâṇa's is dated in the first year of his reign, and probably not long after the date just quoted, and Thomas reads the date on his coin as 180,⁵ which is further confirmed by Bhau Daji, who believes he detects the symbol for 180 + something on the Eran inscription.⁶ This date, therefore, if my view of the era is correct, is 498 to 500. Both Bhau Daji and Rajendra Lal identify him unhesitatingly with the Toramâṇa of Kashmir, and the latter further asserts that the Paṣupati, the son of Toramâṇa, in the fifteenth year of whose reign the inscription was put up,

¹ Vishņu Purāņa, p. 477.
³ J.A.S.A. viii. 633; Thomas, i. 249.

⁵ Prinsep, i. 340.

² J.R.A.S. viii. 48.

⁴ J.A.S.B. xxx. 277.

⁶ J.B.B.R.A.S. viii. 249.

My own impression is that they are right. The coincidences are so many and so curious that they can hardly be accidental; but there is one difficulty in the way of the identification of the two Toramâṇas, which must not be overlooked. The king on the Eran inscription is styled Mahârâja Adhirâja—the King of Kashmir never rose above the rank of Yuvarâja; and if the first title is not a piece of oriental flattery, as Lassen suggests, it is impossible they should be the same person. Neither Budha Gupta nor the Toramâṇa, of Gwalior, aspire to this rank, and it is not by any means clear that even the two Indian Toramâṇas are identical. If he was an Adhirâja we must also curtail the reign, or at least the supremacy of Vikramâditya, by some years; he could not in that case have become lord paramount till after Toramâṇa's death.

Even supposing these identifications cannot be absolutely ascertained, there is a curious fact with regard to names in Indian history which it is worth pointing out, and may serve somewhat to solve the difficulty.

Certain names appear to crop up at particular periods, and to be adopted by everybody at the same time. Thus all the Sîlâdityas, whether of Malwa, Canouge, or Balabhi, are comprised within the limits of a century, or thereabout. name does not occur before or afterwards; and in like manner, after Vikramâditya of Malwa made himself so famous, the name occurs again and again, with most perplexing frequency. We have already seen one Vijayâditya of Guzerat assuming the same name as an Adhirâja of the same family who was living at the same time, and the example of Harsha Varddhana of Canouge, shows how easily Hindu rajas change their names. All this is perplexing enough in most instances, and is, no doubt, one of the chief causes of the uncertainty which pervades the whole subject; but the knowledge of its existence may frequently obviate a difficulty which might otherwise seem insuperable.

The conclusion I have arrived at from such attention as I

¹ J.A.S.B. xxx. 271.

² Indische Alt. iii. 659.

can pay to the subject, is that all these Toramanas and Pravarasenas belong certainly to the same age; that some of them may be identical, and all nearly contemporary; but we must wait for further information before we can say positively which were actually the same, and which were only living at the same time.

I shall conclude this branch of my subject by referring to the Skanda Gupta inscription on the rock at Junagar. This was not translated by Prinsep, though a copy of it was in his hands before his last illness.1 Had he lived to translate it, my impression is that the controversy as to the age of the Guptas never would have arisen—its evidence seems so abso-Be this as it may, it never appeared, so far as I know, in a complete form and translated, till this was accomplished by Bhau Daji in the sixth volume of the Bombay Journal of 1862. In it we have three dates—the Sadarsana lake is said to have burst its banks in 130, to have been repaired in 137, and a temple to Vishnu built in 138, and twice it is repeated "counting from the Era of the Guptas" (Guptasya Kâla). The stone is worn where the middle date occurs, but there is just space enough for these words. The same king, on the Kuhaon pillar, dates his inscription in 141, but without mentioning the era, which seems to have been so usual in Bengal, as not to require being specified.

I may add that the inflated language of this inscription approximates it very closely to those of the Balabhi kings above alluded to, and the form of the characters seems almost identical. What, then, was the Gupta Kâla? If Albîrûnî was right in calling the era of 318 by this name, here we have proof positive that he was wrong in saying it was the era of the destruction of the family; for here we have one of the best known and most powerful kings of this family actually dating his inscription from this era, and his authority is surely better than Albîrûnî's on such a subject. Further, if the Gupta Era was this one, then Skanda Gupta reigned certainly from A.D. 448 to 459—how much before or after we have at present no means of knowing.

¹ J.A.S.B. vii. 634.

² Thomas, i. 250.

Had the facts above stated been the whole case, no one, I believe, would ever have raised a question about the matter, or dreamt of placing the Guptas anywhere but in the 5th century. There are, however, certain circumstances connected with their coins which have induced Mr. Thomas, General Cunningham, and other numismatists, to bring them back to an earlier age. Even here, however, it is only half a difficulty, for the Guptas had two distinct and separate coinages, as unlike one another in style and execution as it is well possible to conceive. One, called the Canouge group, is derived from the Indo-Scythian coins, by easily traced gradations. The other is copied from the Saurastrian coinage of the Sah kings, and is generally confined to silver and copper pieces, while the Canouge coinage seems to be generally gold.

Putting on one side for the present the coins of the Sah type, to which we will return presently, and confining our remarks wholly to the Canouge coins, they do not appear to me to offer any difficulty. In the first place, I attach no importance to the objection that some of them are so like others of the Indo-Scythian series, which we know are of the 1st century A.D., that they ought to be near them in date. The argument might be good in Europe, but mintages are in all ages and countries singularly conventional and capricious, and we have no right to apply to India the experience of other countries, without, at least, some stronger reason than has yet been adduced.

The question is a very large one, and I do not feel myself competent to enter into it, nor is it necessary to do so in the present instance. One coin, or rather group of coins, will be sufficient to explain my meaning, and with it I fancy the whole argument must stand or fall. In the Canouge series there are several coins which represent, on the obverse, the king slaying a lion, on the reverse, a female figure seated on a lion.² They are the most beautiful in execution of the whole series, and, consequently, the furthermost removed from the rude Indo-Scythic coins which preceded them. Probably,

¹ Prinsep pointed this out as early as 1835, and it has not since been disputed. J.A.S.B., iv. p. 621, et seq.

² J.R.A.S., xii., pl. √., fig. 25, 27, 28, pl. vii., fig. 1, 2, 8.

therefore, they were the last and culminating effort of the Canouge engraver. One of these coins (pl. v., fig. 28) bears the name of Kumāra Gupta. All the others that of Vikramāditya, Vikrama Sinha, or some such name. On one coin (pl. v. 25), the most perfect of the whole, we have the full inscription perfectly legible, on the obverse, Mahārājādhirāja Ṣrī, and on the reverse, Ṣrī Sinha Vikrama. Who then is the king? For myself I cannot doubt but that he is the famous king of Malwa, who, if my chronology is correct, succeeded the Guptas so closely, as we have just seen that Toramāṇa's reign probably overlapped his for some years, though to so small an extent that it may possibly be adjusted.

There is another point, however, with regard to these coins which seems to me of great interest. The device of the King killing a lion is very un-Indian; but from the earliest Babylonian cylinder, through the whole Assyrian period down to the late Futteh Ali Shah, every king of the Persian countries has so represented himself. Throughout Indian history, Vikramâditya is represented as the son of, or at least as the descendant of Bahram Gour, who is said to have married a daughter of Vasudeva. To my mind the coin confirms the story, and the story the adscription of the coin to a most satisfactory extent.

There is still another group of coins called Indo-Sassanian, which, however, have only been imperfectly read. The typical example of the class is one originally drawn by Prinsep, and reproduced by Thomas (vol. i., pl. vii., fig. 6). It represents a Sassanian king on one side; on the other, another who may be an Indian with a distinctly legible inscription in Sanskrit characters, which reads Srî Vasudeva. While the other inscriptions are undecyphered, it is too hazardous even to suggest that this may be the father-in-law of Bahram Gour; but the number of these Indo-Sassanian coins which are found in India, extending even beyond the Hegira, prove a close intercourse between the two countries at the period we are now speaking about, and when thoroughly investigated, will, I fancy, throw more light on

¹ Ayeen Akbaree II., 54. Ferishtah p. lxxvi.

the political and religious changes that took place in India about the sixth century, than anything else which has yet come to light.

So far as they have yet been described, or decyphered, they seem to me to confirm the impression of a strong Sassanian influence during the Gupta period, which would quite justify the terms in which one of them is mentioned by Samudra Gupta in his inscription. They seem also, so far as I can judge, to prove the correctness of the story of the descent of Vikramâditya from the Persian king.¹

There is still another small group of coins belonging to the series which have hitherto been unidentified, but for which it may be possible to find an owner if we adopt this theory of dates. Among the Canouge coins are several with a horse on the obverse, and a female figure on the reverse, with a very legible inscription beside the latter, which reads "Asyamedha Parakrama, the paramount hero of the Asvamedha."2 If I am correct in my chronology, Pulakeşi I. did perform an Asvamedha during the reign of Sîlâditya, the son and successor of Vikramaditya of Malwa, and the character of the coin would exactly suit this date. This, of course, is not proof. Many others may have done the same, but none, so far as I know, claim to have performed this sacrifice in any of the numerous inscriptions we have about this period; and at all events it may be put down as one of the many curious coincidences which this theory of the Gupta dates gives rise to, and which, when sufficiently numerous, make out a case of circumstantial evidence that cannot be resisted.

Before proceeding to discuss the difficulty which arises from the character of the Sah type of Gupta coins, it will be convenient to try and fix the dates of another Gupta family, whose existence may perhaps throw some light on the subject.

Thomas, J. R. A. S. xii., pl. v., fig. 31, 32. Ariana Antiqua, pl. xviii.

fig. 2, etc.

¹ My impression is, that Vikramâditya was the great grandson of Bahram Gour. Thus his son bore that name (447?). His son was Harsha, and then came the second king of that name, the great Vikramâditya in 490. According to this view, the so-called Gadhia l'aisa fall naturally and easily into the position to which they have hitherto been tentatively assigned.

It will be convenient to designate them as the Magadha Guptas, to distinguish them from the Canouge family of the same name whose dates we have just been discussing. The former are known to us only from accounts given of them by Hiouen-Thsang. While residing in the monastery of Nalanda he tells us that the founder of that institution was one Sakråditya,¹ a name so like that sometimes applied to Sâlivâhana, that the first idea is that it may be the same person. It is by no means impossible that this may be so, but for the present I am inclined to believe that that king is at least half a century too modern to meet the requirements of Hiouen-Thsang's text; for he goes on to say, "Ainsi depuis les sept cents ans que ce convent existe, nul homme," etc. Of course, he is speaking in round numbers, but as he resided five years in this monastery, he was likely to be well informed in its annals, and we must allow that when he said 700, he meant at least more than 600, which would take us back to A.D. 40, or before it. This view is confirmed by a fact that I see no reason for doubting, which is that Nagarjuna resided sometime in this monastery,² and he was contemporary with Kanishka. Indeed I am inclined to look on Någårjuna as practically the founder of this great establishment, and generally of the monastic system in India. Be this as it may, Hiouen-Thsang's date and the residence of this saint in the monastery, place its foundation in the first years of the Christian era.

After this our author proceeds to record the names and benefactions of four of his successors, each of whom he represents as the son of the preceding king. This is doubtful, but not so the succession of the following kings:—

- 1. Sakrâditya.
- 2. Buddha Gupta.
- 3. Tathâgata Gupta.
- 4. Balâditya, and
- 5. Vajra.

No particulars are given of any of these kings, except Balâditya. He we are told was contemporary with Mihirakula of Kashmir,³ and the story of their wars and its re
1 H.-T., i. 150; iii. 42. 2 Vassilief, Le Bouddisme, etc., p. 200. 3 H.-T. ii. 191.

results are told in great detail as above mentioned in speaking of the Râja-Taranginî. Here occurs our first difficulty. If we are to read Hioun-Thsang literally, Balâditya was the great-grandson of Ṣakrâditya, whom, for the reason just stated, I believe to have been contemporary with Kanishka, but according to the Kashmir lists 12 reigns occur between that king and Mihirakula. The only mode of reconciling the two lists that occurs to me is to assume that Hiouen-Thsang used the word "Son" in the sense of "descendant," as is done in every. Puranic list we are acquainted with to an extent that is sometimes most perplexing.

For reasons above stated, I am inclined to place great reliance on Kashmir lists as adjusted, and therefore feel considerable confidence in placing Balâditya in the latter half of the second century; and Buddha Gupta we may, for the present, place about the year 100 A.D., till we get some further data for fixing his date with more precision.

We know only of one other king of this dynasty, the "Pâṇḍu," of the Daladâvanso. His capital was Palibothra (Patna) where he was reigning in the beginning of the fourth century, and if not Lord Paramount of the whole of India, he at least exercised suzerain right over the Kalingas, which are the countries principally referred to in the narrative.¹

The result of all this, therefore, is that for a dynasty which we know lasted for 300 years, we have only six names—or rather only five, for the last is a title—and we want at least a dozen more to fill up the gaps which exist. Everything we know of this dynasty would lead us to suppose that they were powerful, and had among their numbers some "Adhirājas" at least; but we have no record of two thirds of their names, and do not know where to look for them.

In order to understand the bearing this dynasty may have in the numismatic evidence, it is necessary to assume some date for the Sah kings of Saurastra, whose coinage so closely resembles those of the Guptas.—Mr. Thomas places all the

¹ J.A.S.B. vi. p. 856, et seqq.

13 kings between 157 and 57 B.C.¹ Mr. Justice Newton begins where Mr. Thomas leaves off, and places them between 57 B.C., and 235 A.D.; and Bhau Daji begins 135 years later, and extends them ta 376 A.D. The two latter authorities also extend the number of reigns from newly discovered coins to 20 or 25 names, which would give from 12 to 15 years to each, instead of under eight, as was assumed from those that were known in 1848, when Mr. Thomas wrote.

General Cunningham, I believe, agrees with Mr. Newton, and my own impression is—for reasons to be given hereafter—that his views are more in accordance with the facts of the case than those of either of the gentlemen who place themselves before or after his dates. At all events, we may safely assume this for the present argument.

. The three kings of the Gupta dynasty, whose coins are most frequently found of the Surastrian type, are Budha, · Kumâra, and Skanda. If they were confined to the two, or even to these three only, the difficulty might be got over by assuming that Budha Gupta of the coins was the Buddha Gupta4 of the Magadha dynasty. The dates would fit admirably, and such a coin as those 52 or 56, plate ii., J. R. A. S. XII., would range perfectly with the Sah series. Nor would I hesitate in assuming that Kumara might be among the lost names of the Magadha dynasty. It is so common a title, and, with a peacock coinage, so natural a When, however, we come to Skanda, the case becomes more difficult. It is true his also might be among the lost names. But such a title as "Parama Bhâgavata Şrî Vikramåditya Skanda Gupta,"5 looks so like its Canouge congener, that it is difficult to believe they must not belong to the same king. There is a circumstance, however, regarding this king's coins that does not seem to have been

⁶ J.R.A.S. xii. 68.

¹ J.R.A.S. xii., p. 48; Prinsep ii. 91.

² Mr. Newton's paper has not yet been printed in the Journal of his Society, but appeared in the "Overland Times of India" in July last.

³ J.B.B.R.A.S. vol. viii. 223.

⁴ I do not think the difference of spelling here indicated of any importance. Hiouen-Thsang's name was translated first from Sanskrit into Chinese, and from Chinese into French, and might easily have been more changed in the process.

observed. If, for instance, we take the representation of the face, figs. 50, 51, on the plate last quoted, they show a marked degradation from the coins of Budha Gupta; and, in so far as numismatic evidence is concerned, would reverse the order in which we know these kings succeeded one another, in the Canouge dynasty. It is also difficult to understand how a king whose mints could issue such coins as, for instance, Plate vi. fig. 18, in the same volume, could possibly be content with such rude specimens of the art as those last quoted. All this may be capable of being explained; but till this is done, it seems to me to render the evidence of workmanship in coins of singularly little value in determining either dates, or the identity of kings.

It may also be remarked that the Sah coinage of the Guptas is as remarkable for what it omits as what it contains. We have no coins of either Samudra or of the two Chandra Guptas, though there is reason to believe they were among the most powerful kings of their family, and their coins of the Canouge type are even more common than those of the three kings above named.

All this is so vague and unsatisfactory that I would have little hesitation about suggesting that the coinages belonged to the two different families if it stopped there; but there seems to be an unpublished coin of Toramâṇa,¹ about whose date there is no doubt; and there exists other evidence of connection,² between the Sah Gupta coinage and that of Toramâṇa, which, I fear at present, at least render this solution untenable. It seems worth while, however, putting it forward, as, when examined by persons more competent to judge of its merits than I am, it may lead to some important results either for or against the Gupta dates.

Even if we are forced to abandon the idea of the coins belonging to two different dynasties,³ it by no means follows that some other satisfactory solution of the problem may not be discovered. The simplest course would be to adopt Bhau Daji's date for the

¹ Thomas' Prinsep, i. 340

² Loc cit. ii. 95.

The existence of these two families may, perhaps, be the cause of Albirûni's mistake. There certainly were Guptas before 318 as well as after. He may have confounded the one with the other.

Sah kings, in that case they would, by extending down to 376, overlap the Guptas to a considerable extent, and so get over all the difficulties of the connexion between the two coinages. I don't think myself that this is the true solution, but I feel quite certain that it will be found much more in conformity with the facts to bring the Sahs down than to take the Guptas up. For the reasons above given I look on the dates of the Guptas as undoubted, and, consequently, whichever theory we adopt, they must not be disturbed.

A third solution would be to assume simply that the Gupta coins were inferior mintages, issued by some of the Gupta kings for local purposes, and that they were, and were meant to be, mere copies of coins with which the people in those places had long been familiar. This seems to be by no means an improbable view of the case. Nothing is more purely conventional than the stamps on money. We now imitate Roman coins, and put Latin inscriptions on them, and there seems no reason why the Guptas in the fifth century may not have found it expedient, in addition to their own beautiful coins, to issue a lower class of money, on which they tried to copy the previously current forms as closely as possible.

I have now stated fully, and I hope fairly, the whole of the difficulties arising out of these coinages, in so far as they seem to bear on the dates I am now advocating. I have done this in deference to the great names who attach such importance to the evidence of these coins, though my own impression is that it is a work of supererogation. As in the case of the Skanda Gupta Junagar incription, a recent reading seems to me to have put the case beyond the limit of controversy.

As far back as 1859, Mr. Thomas deciphered the name Bhattaraka on a large number of coins found in Guzerat, and subsequently Mr. Justice Newton published four of the coins in 1862, and fully confirmed this reading and neither of these gentlemen dispute the fact, that though the names have not yet been read they must belong to kings of the Balabhi family, the descendants of Bhattaraka or Bhatarka.

¹ J.B.B.R.A.S. vol. vi. p. lxxii. 2 Loc. c. pl. 2, pl. 1, and p. xiii.

Now, assuming for the sake of argument, that neither the Guptas nor the Balabhi kings, nor any body else ever dated either coin or inscription from the Balabhi era-which is the view of the case now almost universally adopted-still, all are agreed as to the succession; no one disputes that the Sahs came first, after them the Guptas, and then the Balabhis. If we allow 200 for the first we cannot allow less than 150 years for the Guptas, and we must admit fifty or some such number of years before the Senapatis of the Balabhi dynasty became Mahârâjas and coined money. These coins are depicted on Mr. Newton's plate just referred to, ranging through four centuries at least, with a change in design and execution so infinitesimally small that a layman could hardly tell which is the first or which is the last. There is a gradation I admit, but it is not so great as can be traced between the best and worst of Skanda Gupta's coins,1 in so far as execution is There are differences in the forms of the inconcerned. scription which are clearly pointed out by Mr. Newton in his paper just referred to, but they are so small as only to be discernable by the initiated. Be this, however, as it may, one thing I fancy no one will dispute, which is that the whole Gupta period, 150 or 165 years, elapsed between the last Sah and the first Saurastrian coin of the Bhattaraka type, and while this is so, and makes so little difference in the coinage, we need make no difficulty, if 100 years elapsed between the last Sah and the first Gupta; but, more than this, now that we have got coins of this type behind the Guptas, as well as before, all that can be said is that this type of coinage endured through the whole of the three dynasties, with as little change from the original conventional type as the skill of the artist employed would admit of. If this is so, any chronological argument based on the evidence of these coins seems to me absolutely worthless.

It may seem strange, according to European experience, that a series of coins should exist through six or seven centuries with so little change; but we must be cautious in applying rules derived from our knowledge of the West to

¹ J. R. A. S. xii., pl. ii., No. 44 to 51.

what may have happened in the East, and in all instances I fancy it a sound rule to adhere to the maxim that history must govern numismatics, and that numismatics must not be allowed to govern history. So far as I can judge, these Bhattâraka coins, coupled with Skanda Gupta's Junagar inscription, are by themselves sufficient to prove the case; and when to these we can add all the other historical coincidences noticed above, and to be mentioned hereafter, I cannot see that the Gupta era can possibly be considered any longer as doubtful.

Mauryas and Andhras.

MAURYA DYNASTY, 130 YEARS.				ÂNDHRA DYNASTY—continued.				
	•		B.C.	Catalani T			A.D.	
Chandragupta	•••	•••	325	Şâtakarni I	•••	•••	10	
Bimbisâra	•••	•••	301	Purpotsanga	•••	•••	28	
Aşoka	•••	•••	276	Srivaswâmi	•••	•••	46	
Suyasas	•••	•••	240	Şâtakarni II	•••	•••	64	
Daşaratha	•••	•••	230 ?	Lambodara	•••	••	120	
Sangata	•••	•••	220?	Apitaka	•••	•••	138	
Indrapâlita	•••	•••	212?	Sangha	•••	•••	150	
Somaşarman	•••	•••	210	Şâtakarni III	•••	•••	168	
Şaşadharman	•••	•••	203	Skandhaswâti	•••	•••	186	
Vrihadratha	•••	•••	195	Mrigendr a	•••	•••	193	
G D -				Kuntalaswâti	•••	•••	196	
Şunga Dyna	STY, 40	YBAR	8.	Swâtikarņa	•••	•••	204	
Pushpamitra	•••	•••	188	Pulomâvit	•••	•••	205	
Agnimitra	•••	•••	152	Gorakshâş waşrî	•••	•••	241	
Sujyeshtha	•••	•••	144	Hâla	•••	•••	266	
Vasumitra	•••	•••	137	Mantalaka	•••	•••	271	
â mdmalea			129	Purindra sena	•••	•••	276	
Dulindaka	•••	•••	127	Şindara	•••	•••	881	
Charbarran	•••	•••	124	Rajadaswati	•••		6 ms.	
	•••	•••	121	Siveamôti			284	
Vajramitra	•••	•••		Cantaminutus	•••	•••	312	
Bhâgavata	•••	•••	1)2	Vásithi putra	•••	•••	333	
Devabhûti	•••	•••	86	Pulomet	•••	•••	83 5	
Kanwa Dynas	STY, 112	Simont	•••	•••				
Vasudeva	•		76	Skandaswâti	•••	•••	363	
Dh A : : 4	•••	•••	67		•••	•••	370	
	•••	•••	53	Yajnaşrî	•••	•••	377	
Nârâyaṇa	•••	•••	41	Vijaya	•••	•••	406	
Sușarman died	•••	•••		Chandrasrî	•••	•••	412	
•	•••	•••	31	Pulomat	•••	•••	422	
Ândhra	" died …	•••	•••	429				
Şipraka		•••	31			Or	436	
Krishņa	•••	A	.D. 8					

The fixation of the dates of the dynasties anterior to the rise of the great Guptas, rest on somewhat different ground from that of the kings' reigns of which we have just been treating. It is true we have a sufficient number of inscriptions in the Western Caves and elsewhere to fill a volume, and some of them with dates; but generally speaking, like most Buddhist inscrip-

tions, they are the records of the pious munificence of private individuals, or of kings as such. Occasionally the donor mentions the king's reign in which he lived, but never thinks of recording his father's name, or any of those particulars which everybody then knew, but which we would now so like to know. When the king himself is the author of an inscription, instead of boasting of his lineage and his prowess as the Brahmanical kings did, whose inscriptions we have just been treating of—he merely records his name in the humblest terms, as if his only object was to identify the benefaction of which he was the author. It must also be added that these inscriptions have not yet been translated with such critical care as would enable us to place implicit reliance on their indications. This arises in a great measure from the nature of the texts themselves. When an inscription is on a copperplate or small stone-slab, it can easily be examined by the translator himself, or a rubbing or impression obtained which is nearly equal to the original. The Cave inscriptions, however, are generally so placed and so large, that rubbings or impressions are extremely difficult to be obtained; and as many of them were copied by persons who were not familiar with the character and ignorant of the language in which they were written, errors of transcription were inevitable in spite of the most painstaking desire for accuracy.

All this will no doubt be remedied before long; but mean-while the Puranas fortunately supply us with some information which seems trustworthy for the period we are now treating of, though very little that we can glean from them of what they say of dynasties after the beginning of the fifth century can be depended upon. Before the fifth century, however, they furnish us with a list of dynasties, stated to be consecutive, with the names of the kings, and the length of their reigns and other particulars, all of which are so reasonable and so in accordance with what we find from other sources, that I see very little reason to doubt their general correctness.

The first thing that strikes us in examining these lists is that their authors have not at all events exaggerated the lengths of the kings' reigns. According to the Vâyu and Matsya,¹ the whole extended to 736 years, and according to the most lengthened adjustment that can be made—to 761, a difference of only 25 years, which in such a case is of slight importance. During that time 53 or 54 kings reigned, giving an average of very little more than 14 years to each king. Taking even the Ândhra kings alone, we have 30 kings reigning 460 years or little more than 15 years each,² so that this at least gives an air of probabilility to the whole.

We have no difficulty whatever as regards the initial date of this long list of kings. As long ago as Sir William Jones' time, Chandra Gupta was recognised as the Sandracottus of the Greeks, and generally chronologists have agreed to fix the first year of his reign as 315 B.C. My impression is we can now get even nearer than this. Asoka, in his inscriptions dated in the 12th year after his inauguration, the 16th after his accession, mentions the name of five Greek Kings, among whom was Magas of Cyrene, who died 257 B.C, and the inscription must therefore be before that date. As I have had occasion before to point out,3 the only year when all these kings were alive together was 256, which we may assume as the 16th of Asoka, with a limit of error of one year either way. His predecessor was Bimbasâra, to whom the Purânas give 25 years; but the Mahâvanso, a preferable authority in this case, allows 28, and thus places his accession 300 B.c. Both authorities allow Chandra Gupta 24 to 25, so that we cannot well bring his date below 325 B.C.4 This date, too, it appears to me, would accord better than 315, with what we learn of this king from Alexander's historians, but it is not necessary to go into the question here.

¹ Wilson, V. P., p. 484.

After the destruction of the Andhra kings, the Vishnu Purana goes on to say (Wilson, p. 474.)—" After these will reign 7 Abbiras, 10 Garddhabas, 16 Şakas, 8 Yavanas, 14 Tusharas, 13 Mundas, 11 Maundas, together 79 princes, who will be sovereigns for 1399 years." We now know that many, if not all of these dynasties were contemporary; but the average of their reigns, which is all we are here concerned with, gives only 17 years and a half, and the other Puranas with the same number of years, enumerate 85 and 89 kings, so the average duration of their reigns at all events looks like truth.

³ Quarterly Review, Sep., 1860, referring to Justin, Historiæ, xxvi. 2.

⁴ The Mahawanso (Turnour's translation, xlvii.) gives him 34, but this I fancy includes the period of confusion during which the Brahmin Kautilya ruled after the death of Nanda.

It is much more difficult to get a satisfactory final date for the Andhra dynasty from external sources. If, however, the Yue-gnai, who sent an embassy to China in 408,1 is the Yadnya Şrî of our lists, it would settle the question.

The name is so like those it has generally been assumed, that this identity was established, and his date — from Puranic calculation — so closely agrees with this, that its probability may fairly be assumed. We are told, however, that Yue-gnai means, in Chinese, "beloved of the moon," and as we certainly have a Chandra Srî, or Chandra Gupta, who was Adhirâja of India, at this date, we must pause before affirming the identity. Whether we assume that he was the first or second of that name, is of no consequence, the date 82 and 93 A.G. at Sanchi Oudeypore are all that is required. There seems, however, very little reason to doubt but that the two kings were contemporary, or nearly so. So little confidence do I feel in the nominal similarity, that I have not, in the table prefixed to this section, attempted to adjust the dates so as to meet it; but as we have a margin of seven years at the end-between 429 and 436-it would have been easy to make it fit exactly. I am inclined to place much more reliance on the coincidence of the name of his grandson Chandra Srî, in the Vishņu and Matsya Purânas, and Chandra Vijaya, in the Bhâgavat, with the Chandra Varma Ganapati mentioned by Samudra Gupta, in the eighteenth line of his Allahabad inscription.3 If my chronology is correct, the dates fit exactly; and it was just about the time that India resolved itself into four great divisions: the Aswapati, or kings of Delhi; the Gajapati, or Lords of Orissa;4 the Narapati, or Cholas⁵ of the south, and the Ganapatis, who occupied the central portions, which are now known generally as the Nizam's territories. This is just such a position as we would expect an Andhra dynasty to occupy after the death of their last great monarch Yadnya Srî, and the rise of the power of the Guptas.

¹ De Guigne's Histoire des Huns, vol. i. p. 45.

*Wilson's V. P. p. 473.

*J. A. S. B. vi. 963; Thomas' Prinsep, i. 237.

4 Ayeen Akbaree; Stirling's Cuttack, A. R. xv. 255.

⁵ Prinsep's Useful Tables, xl., Thomas' edition, 275.

I am the more inclined to rely on this identification, because in the same line we have a Rudradeva, who, no doubt, was the Rudra Sena 1 of the Vindya Sakti line above alluded to.

The grouping of all these names together, to my mind, certainly indicates a contemporaneousness of date, and even if it should turn out that the Sanchi Chandra Gupta is the second of the line, this makes very little difference, as we have two Rudras, so we have two Pravarasenas and two or three Chandras. In certain epochs of Indian history certain names seem to go in bunches, and though it is puzzling occasionally to discriminate among them, their presence is a sure indication of their age, and, to my mind, establishes the correctness of the Purâṇas in placing Chandra Ṣrî in the first thirty years of the fifth century.²

If these identifications should be sustained, they would go far to prove that the two Gupta dates—82 and 93 A.G.—which we possess, belong to the first, and not to the second, Chandra Gupta; and consequently that the Samudra of the Allahabad inscription ascended the throne after 411 A.D., which I confess, from many circumstances, I think the most probable arrangement. If this is so, it is not impossible that the Hastivarna of the 17th line of the same inscription, may be the Srî Hastina of the Benares copper plates. To enable this to be so, would require that the latter should have reigned more than 40 years. Though not impossible, it is so improbable, that it is hardly worth insisting upon till further information crops up.

Before leaving this inscription it may be worth while pointing out that in the same line—the 18th, we have Nâgadatta and the Nâga Nâgasena, who are, no doubt, the Nâga kings mentioned in the Purânas, in the same line with the Guptas, 4 and so mixed up with them, that Wilford 5

¹ J. B. B. R. A. S. vi. pt. ii. p. 66.

² In Prinsep's Useful Tables, as published in Calcutta, in 1834, p. 100, Chandra Şrî is dated 428 A.D., which is exactly the date I would assign to him. I do not know, however, what the authority for this is.

Thomas' Prinsep i., 251.

⁴ Wilson's V.P., 479.

⁵ A. R. ix., 115.

assumed them to be identical. Indeed, I believe that now we have got hold of the clue, every name mentioned by Samudra Gupta could be identified, if any competent Sanskrit scholar would undertake the task.

By far the most important name in this dynasty, however, is Gotamiputra. From the inscription engraved by his widow on the Nassick Cave, as well as from other sources, we learn that he was Mahârâja Adhirâja of India; that he had conquered all those countries which Rudra Sah in the bridge inscription boasts that he possessed; and his name occurs so often and so prominently, that it would be most important that his date should be ascertained if possible.

As before mentioned, the enumeration of the Andhra lists allows a margin of about 20 to 30 years on comparing the additions of the reigns in the Matsya with the totals quoted in the other Purânas. This may be adjusted either by filling up the list from the other Purânas, or by giving these years to the successor of this king, who according to the Nassick inscription, seems to have been Vasitiputra, the father of Pulomavi, who figures as his son in the Puranic lists.

The discrepancy, however, is very much reduced by allowing Yadnya Ṣrî 29 years, which, according to the Vishņu and Vâyu Purâṇas, was the true length of his reign, instead of the nine years of the Matsya.³ Not only are these better authorities, but from his numerous inscriptions and coins we learn how important the king really was, and it seems impossible to limit his reign to the shorter date. I look on him as practically the last of the Ândhra's, and that it was from him that Chandra Gupta wrested the Adhirâjaship of India. Be this as it may, this evidence, as far as it goes, places Gotamiputra certainly in the beginning of the fourth century. It may be that he ascended the throne in 312 or 318, or even a little later, but he cannot be removed far from this period.⁴

¹ J.B.B.R.A.S. v. 42. ² J.B.B.R.A.S. vi. p. ii. p. 120. ³ Wilson, V.P., p. 473. ⁴ There are two dates in the Nassick inscriptions I. and II. J.B.B.R.A.S., v. 42 and 47, which, as they at present stand translated, seem to conflict with each other. The first is 19 from an unspecified era, but seems to be in the reign of

From the first time I read Turnour's abstract of the Daladávanso,1 I felt convinced from the internal evidence that this was the king who figures on these curious episodes, but the name there being given merely as Pandu it is impossible to prove this. Curiously enough we have at Kanheri an inscription on a copper-plate extracted from a Dagoba there, which mentions this very relic with a date 245° or 325 A.D., which is just about the date mentioned in the Ceylonese annals. The king's name is apparently Kripa or Karna, only a relation of the exalted Srâmi Karna of the victorious Andhrabhritya family. Considerable doubt, however, hangs over this reading, as the plate is not forthcoming, and Dr. Stevenson was forced to trust to an indifferent copy. Whether Gotamiputra is hereafter discovered or not under any of these titles, we have the Andhras in power at the date we are treating of, and that for our present purpose is sufficient.

In another place I have touched on the architectural evidence which render this date for the Nassick Cave almost certain, and there are a number of little incidents of an architectural character which do not allow me to doubt it. If this is so, we come to a curious historical inference, which is that this king must really have been the founder of Balabhi and the establisher of that era. According to Mr. Justice Newton, the Sah dates extend down to 235 A.D., with one or two doubtful names afterwards. This would allow time for the rise of the Andhras on their ruins and the foundation of a new capital of Western India by Gotamiputra in 318. According to this view Srî Gupta would have been viceroy to the Andhras; but it is by no means necessary that his rule

Padma or Pulomâvi, the successor of Gotamiputra, and if this is so, and as Dr. Stevenson conjectures it is the Balabhi era, it would make that era commence with the death of the great king. The second is in the 24th year of the "Modern era," and the act recorded is apparently by order of Gotamiputra. This would make the foundation of the era coincident with the accession and the inscription date three years after his death, as he reigned only 21 years. These discrepancies can only be settled by a careful re-examination of the texts. My impression meanwhile is, that the Balabhi era dates from his accession, and consequently six years after the date which from Purânic calculations I have assigned to that event.

Tree and Serpent Worship, pp. 84 and 168.

J. A. S. B. vi. p.
 J. B. B. R. A.S. vol. v. 33. See also J.R. A.S., N.S., vol. iii. p. 150.

should be contemporary with the foundation of the city, or extend to so early a period. Any of Gotamiputra's successors anterior to Yadnya Srî may have appointed him as Bhattâraka Senâpati was afterwards by Sîlâditya, and as in the latter case, his grandson founded the greatness of his family in the decline and decay of that of his patrons. The one point I would insist on here is that Gotamiputra was Lord Paramount of India in 318-19 when the Balabhi era was established, probably on the building of the city. It was afterwards the western capital of both the Guptas and the Saurâstrian Bhattârakas, and to me, at least, it appears quite certain that both these families dated all their coins and inscriptions from this era.¹

It may be difficult to prove all this absolutely. In the present state of our information perhaps impossible, but on a fair balance of all the probabilities of the case this view seems to me to accord perfectly with all the evidence I am acquainted with, and I know of no other scheme which meets the exigencies of the case in anything like an equal degree.

Sah Kings of Saurashtra.

SAH KINGS OF SAURASTRA.

Nahapana	•••	•••	B.C. 57	Îşvara Datta.	
Ushavadâta	•••	•••	11	T/** (141	115
Swami Chastana	•••	•••	A.D. 10	Vijaya San Dâmajâta Şrî.	110
Jaya Dâmâ				Dudas Cab	131, 141
Jîva Dama	•••	•••	38	T7. (1.)	131, 141
Rudra Dâman.				A . " • 90 A	
Rudra Sinha	•••	•••	45-47	TTI CIAL	153, 157
Rudra Sâh.				Vişva Sâh	160, 168
Şrî Sâh.				22. Rudra Sinha	173 or 213
Sangha Dâman.				Âşâ Dâman.	
Dâman Sâh.				Swami Rudra Sah	223, 235
Yaşa Dâman.				Swâmi Rudra Sâh II.	·
Dâmajâta Şrî	•••	222	97	Swâmi Rudra Sâh	223, 235
Vîra Dâman.	•••			Swâmi Rudra Sâh.	•
· — - · · · · · · · · · · · · · · · · ·					

Only one inscription of this dynasty has yet been brought to light—the celebrated Bridge inscription of Rudra Dâman—

In the above I have avoided all allusion to each identification of Indian names with those recorded by Greek or Latin authors. The difficulties are sufficiently great when a name is repeated in two places in some nearly similar Indian languages, but when the difference is so great as between Greek or Chinese with Sanskrit or Pall, the similarities of sound are so untrustworthy as to be of little or no value, and had better be put on one side till, at least, the investigation is further advanced.

and we, therefore, depend almost wholly on their coins for our knowledge of the existence of this family, as well as for their dates. As before mentioned, the three principal authorities differ to the extent of 235 years as to the era from which these coins should be dated, a circumstance which does not inspire us with much confidence in numismatic evidence, in so far at least as India is concerned.

I confess myself quite unable to follow Mr. Thomas's reasoning on the subject, and as I believe the Sri Harsha era from which he dates them is merely a blunder of Albîrûnî's, and had no real existence, we may for the present, at least, put it on one side, pending some further elucidation, which its author may bring to bear on the subject.

Bhau Daji's initial date (78 A.D.) appears to me equally untenable, except in the contingency before mentioned: that it may be found necessary that the Sahs should overlap the Guptas, in order to explain the anomalies of their coinage. As my own conviction, for reasons given above, is, that this will not be necessary, it also, may be passed over for the present.

On the other hand, Mr. Justice Newton's theory, which would place Nahapana about 56 B.C., seems to me to suit perfectly all the exigencies of the case, so far as I at least am acquainted with them.

If I am correct in agreeing with Dr. Stevenson, that Devabhûti, B.C. 86, was the excavator of the great Karli cave, the position of the Nahapana inscriptions, there and elsewhere, would be easily explicable, and the whole series of cave, inscriptions brought into strict accordance with their architecture. The date, too, in Rudra Dâman's Bridge inscription, would also be in accordance with what we know. It is dated in 72 of the Sah era,—according to this view A.D. 15; and he states that "after twice thoroughly conquering Sâtakarni, lord of Dakshinapatha, he did not completely destroy him on account of their near connexion." Now, according to my calculation, Sâtakarni I. reigned from A.D. 10 to 28. This would accord perfectly, and if there were no other king of

¹ J.B.B.R.A.S. v. 163.

² J.B.B.R.A.S. vol. vi, pt. ii. p. 18.

that name, would be final; but as there are several of the same name in the dynasty it is not altogether decisive; it would, however, be extremely difficult to fit any other of that name to this date; on Mr. Thomas's theory it would be impossible. At present, therefore, it can only be put down as only one of the curious coincidences which occur, but which are so numerous as to amount to something like proof positive.

Another important indication is Gotamiputra's boast, if Bhau Daji's translation is to be depended upon, that he had exterminated the descendants of Khajaráta (pali) Kshaharáta (Sanskrit),1 who can hardly be other than this race. as it may, for reasons stated above it seems to me indispensable for history that they should have ceased to reign before Gotamiputra raised his family to pre-eminence on that side of India. I may also add that it seems extremely probable that these Sah kings may be identified with the Yue-che, at least, if any stress may be laid upon such a passage as the following: Ma-twan-lin, after stating that the Yuĕ-che conquered India, about 26 B.C., goes on to say that "they having become extremely rich and powerful, remained in the state till the time of the latter Hans, who began to reign A.D. 222." "It results from hence," says our translator "that the Scythians must have been masters of Western India, from about B.C. 26 till A.D., 222, that is for a space of 248 years. The first invasion of India, by the Yue-che or Scythians must have taken place before the reign of Vikramåditya, whose celebrated era began fifty-six years before ours, and originated from a complete defeat of the Scythian armies by that prince." (See Colebrooke's Indian Algebra, Lassen, etc.)2

Having reached this celebrated era, I wish to broach a theory regarding it, which will at first sight, I have no doubt, appear utterly untenable; but which, if true, will clear away most of the difficulties of the chronology of this period. My conviction is that no such person as the Ṣakāri Vikramāditya ever existed anterior to the Christian era, or within some hundreds of years of that time.

¹ J. B. B. R. A. S. vi., p. 117.

² J. A. S. B. vol. vi., p. 63.

In the first place, the Puranic lists are very full and consistent about this period, but no Purâna hints at the existence of such a prince. He belonged to no royal family. He possessed no recognizable kingdom, and had no descendants. No coin of his has ever been found, nor does his name occur in any of the multifarious inscriptions of the period; and all the events of his reign are unhistorical and mythical to an extent which occurs with no other king of the period. Take, for instance, the defeat of the Sacæ just mentioned 57 B.C. Albîrûnî states—and though he generally blunders, he must have had some authority-"L'ère de Saca est postérieure à celle de Vikramâditya de 135 ans. Saca est le nom d'un prince qui a régne sur les contrées situées entre l'Indus et la mer. Vikramåditya marcha contre lui, mit son armée en déroute et le tua sur le territoire de Korour," etc. Vikramåditya, according to this account, must have been nearly 200 years old when he did all this. But it is only one among many instances which have so puzzled Wilford, and all those who have even meddled with the question.

My impression is, that some time after Vikramâditya of Malwa had rendered the name so celebrated, the Hindus, on the revival of Brahminism, wished to possess an era which should, at least, be older than the Buddhist era of Sâlivâhana. At that time the Sah era, established by Nahapana, was vacant, having fallen into disuse on the destruction of that dynasty, and its supercession by the era of Balabhi, and that the Hindus then appropriated it by attaching to it the name it now bears, and inventing the history requisite to render its adoption feasible,³

This theory would not only have the advantage of fixing the date of Nahapana with certainty as 57 B.C., but it would clear away an amount of rubbish which has puzzled and disgusted

¹ The Vikramâditya, mentioned in Gotamiputra's inscription (J. B. B. R. A. S. vol. v. p. 43), is evidently, from the company in which he is named, of pre-historic antiquity.

² Thomas' Prinsep, vol. i. p. 268.

³ I am very much inclined to agree with Bhau Daji when he says, that nothing is dated from this era before the 11th century, (J. B. B. R. A. S. viii. p. 242). There is certainly more truth in the assertion than appears at first sight. My impression is, that the era was invented in the age of Bhoja (A.D. 993), or rather by the revived Châlukyas, A.D. 973, 1003 (J. R. A. S. vol. iv. p. 4).

every one who has approached this branch of the subject.¹ It would, besides this, remove all the uncertainty which now exists as to whether the Saka or Samvat eras should be used for coins or inscriptions, where neither are specified.

I cannot myself feel any doubt about the matter, and I would therefore ask others at all events to consider it dispassionately. If they do so, I feel confident they will arrive at the same result as I have done.

Buddhist Chronology.

37 DESCENTS IN 600? YEARS PROM YUDHISHTHIRA.

Şaişunága Dynasty.		Udayâşwa	•••	•••	•••	519
	6 91	Dasaka	•••	•••	•••	503
Kâkavarņa.			•••	•••	•••	495
Kshemadharman.			•••	•••	•••	471
Kshetraujas.		Kâlâşoka	•••	•••	•••	453
	603	Mahâ Nanda	•••	•••	•••	425
Kanwapana, 9.		Sumâlya.				
Bhûmiputra, 14.		7 Nandas.				
Ajŝtașatru	55 l	Interregnum,	Kau	ţilya, (ending	325

When the Hon. Geo. Turnour first examined the Ceylonese annals, he became aware of a discrepancy of about sixty years, existing between the time of the death of Buddha and the accession of Asoka, as stated in the Mahâvanso, when compared with the conclusion we have arrived at from Puranic and Grecian sources. In other words, assuming the true date of the Nirvâna to be 543, which the Ceylonese, the Burmese, and all the Indo-Chinese nations insist upon as absolute, and reckoning the reigns thence, this chronology places the accession of Chandra Gupta 162 A.B. or 381 B.C., instead of 325, which as we have shown above, is certainly his true date, within very narrow limits of error either way.

Now that we know all the circumstances of the case, it does not appear to me difficult to see either why this false adjustment was made, nor how it was effected.

The first civilized king of Ceylon, according to their annals, was Vijayo. He landed from the opposite coast,

In the Ayeen Akbaree (vol. ii. p. 54), it is stated that Bhoja, the son of Munja, succeeded in 541 of the era of Vikramâditya. As no one now believes that this Bhoja lived before the very end of the tenth century, it looks very like as if he dated from the son of Bahram Gour, not from the Şakâri; but wherever you find this era, there is nothing but confusion.

Turnour's Mahawanso, p. 48; J.A.S.B. vol. vi. p. 714, &c.

probably introduced Buddhism, or, at all events, was the founder of that dynasty who held the sovereignty of the island for long afterwards. The Ceylonese annalists state that his landing was in the same year with the death of the founder of the religion; a coincidence so remarkable, as to look very like such a pious fraud, as is too common with priests in all ages. If we assume that it took place 56 or 60 years after the Nirvâṇa, the whole difficulty vanishes, and all the synchronisms come right.

The mode in which the adjustment was effected was simply by taking the requisite number of years from the dynasty of the Nandas, to whom the Puranas give 100 years,1 the Mahâvanso only 44. These Nandas seem to have been a low caste race; the Vishnu Purana calls them Sudras, and the Buddhist annalists have not a kind word to say for them. If I am correct in assuming that the coins depicted in the 7th vol. of the Journal of the Bengal Society, plate 48, belong to this family, they were serpent worshippers, whom consequently the Buddhists would not hesitate in putting on one side. Be this as it may, both the Ceylonese and Burmese² annals agree in placing the accession of Mahâ Padma, the first Nanda, in 425 B.C. On the other hand, our calculations from Greek synonyms place the accession of Chandra Gupta 325, leaving exactly the 100 years of the Puranas between these dates, which, therefore, I feel very little doubt in assuming as correct, or very nearly so.

This period includes of course the ten and twelve years of anarchy, usually called the expiation of Chânakya, which intervenes between the death of the last Nanda and the accession of Chandra Gupta.

The Ceylonese annals desert us on the accession of Bimbisâro, who ascended the throne of Magadha 603 B.C., and in whose 16th year Sâkya Muni attained Buddhahood, in the 35th year of his age. The Burmese annals help us back to an era they call that of Anjana, 691 B.C.³ They call this the

¹ V. P. p. 468; Mahawanso, p. xlvii. et seq.

² Bigandet, Life and Legend of Buddha, p. 371. Crawfurd's Embassy to Ava, Appendix viii.

³ Bigandet and Crawford, Loc. s.c.

era of the great grandfather of Buddha, but this is a mistake; the family of the founder of this religion was entirely subordinate to those of Magadha, and all the dates we have in Buddhist annals belong to the latter family. In the Purânas we have four kings' names from Sisunâga, the founder of the family, to Bimbisâro, which may very well be assumed to fill up the 88 years that occurred between these events.

All this appears to me so reasonable and so perfectly in accordance with all the historical facts which have yet come to light, that I have no hesitation in assuming that as far back as 691 B.c. we may walk with confidence, and that a very slight adjustment occurring of the dates given above, for events after that date will hereafter be found necessary. The sequence of events I look upon as nearly certain.

Early Chronology.

Beyond 691 s.c. we have little to guide us except the doctrine of averages, but unsatisfactory as that may be, there are one or two circumstances that induce me to think that the early chronology of the Hindus ought not to be so entirely rejected as is too generally the case.

From Arrian³ and Pliny⁴ we learn that when the Greeks—probably Megasthenes—were there, the pandits of these days presented them with lists of kings, 153 or 154 in number, who reigned before Alexander. Now, if we count the lists of Solar kings from Ikshwâku to Vrihadratha, and they certainly were the supreme race during the two first ages, and then follow the Lunar line from the Mahâbhârata to Chandra Gupta, we get 150 descents; and if we count from Marîchi the 154 of Pliny. This is so far satisfactory as it tends to prove that we have now the same lists as were shown to the Greeks more than 2000 years ago.

³ V. P. 466.

I So little importance do I attach to the family of Şâkya Muni in a chronological point of view, that I would not allude to them even in a note, if it were not that the Purânas have been blamed for making Şâkya the father of Şuddhodana instead of the son (Wilson, V. P., p. 463). They are quite correct, however. It is only one of the 1001 instances in which we find a king or prince adopting his grandfather's name.

Indica, cix.

⁴ Nat. Hist. vi. c. 17.

Arrian makes these kings reign 6042 years, Pliny 5402; and though both are inadmissible, they show that the monstrous system of Yugas had not then been invented, and the falsification had not gone beyond the extent of duplication.

Applying to these lists the average we obtained above, of 16 years, we get back to about 2800 B.C. But if we apply 18 years, which does not appear to me at all an extravagant average, considering how many insignificant names must have dropped out of so long a list, we get back almost exactly to the date of the Kali Yug, 3101 B.C.

This I cannot help considering as a true date. It does not make an even sum from any known Indian era. It is not a multiple or sub-multiple of any epoch, and stands, and always has stood, alone in Indian Chronology as something unaccounted for. The three previous Yugas are avowedly astronomical calculations, and are useless for chronological purposes, but not so this one. It may be the date at which it was supposed the Aryans first crossed the Indus, and it may be the epoch of some event that took place in Central Asia before they left their original seats; but it appears to me hardly to admit of a doubt, that it is a true date handed down from generation to generation.

If we take it as I have put it above, and apply the average to each king's reign, the events of the Râmâyana took place about 2000 years B.C.; those of the Mahâbhârata about 1300 B.C. These may not be considered as very satisfactory determinations, but they are probably as near the truth as anything we are now likely ever to attain.

I have now run through the whole subject of Indian Chronology, stating as briefly, as was compatible with clearness, the views I entertain regarding the various epochs which have come under consideration. I need hardly say that it would have been easy to have extended these remarks to more than twice their present extent without saying all, or nearly all, that could be said on the subject. Even then, however, I should have been obliged to leave out the architectural argument which has been the thread I most rely

upon to guide us through the labyrinth. I look upon it as absolutely certain that there is a gradual progression in the style of architectural buildings in India, as there is in every country in the world, and once it is mastered, the succession is certain. The only difficulty is that sometimes the progress is faster, sometimes slower, and it requires care not to be led away by adopting too uniform a scale in this respect. But retrogression is always impossible, and caprice hardly ever interferes in any degree. It is my knowledge of Indian architecture that gives me confidence in the scheme of chronology propounded in the previous pages. The numismatist or scholar must, of course, be allowed in like manner to apply their own test, and if we differ, it is for others to decide which class of evidence is most entitled to acceptance. cannot here adduce the details of the architectural argument, I can only state that I have found it accord throughout so perfectly with all the historical facts I am acquainted with, that I feel very great confidence that the chronological scheme propounded in the preceding pages will eventually be established, in all its leading or essential features.1

¹ Since the above paper was in type, a curious instance of the prevalence of the Balabhi era has been brought to my notice. An inscription has been found in the Temple of Ambernath, near Kalyan, opposite Bombay. It is dated Samvat 782. As the Temple is certainly not earlier than the end of the 11th century, this must be from the foundation of the city of Balabhi. The character of the alphabet in which it is written fully confirms this ascription.

ART. III.—The Poetry of Mohamed Rabadan, of Arragon. By the Hon. H. E. J. Stanley.

In the preceding number of the Journal, this poem had reached the birth of Abraham: the portion contained in the present issue consists of the life of Abraham, the history of the line of Isaac ending with Jesus Christ, and the line of Ishmael down to Heshim, great-grandfather of Muhammad. The description of the sacrifice of Ishmael brings to mind the mysteries or plays in which Abraham's sacrifice of his son is still represented in Spain at the Church festivals.

In the account of Abraham going on his way to the sacrifice, Rabadan has interwoven a legend which is Rabbinical rather than Mussulman; according to this legend, Abraham saw in a vision the mysterious foundations of the Earth, by which he understood that the designs of Providence are incomprehensible. Mr. Morgan has given this passage a little differently from what it is in the original, and a note in the British Museum MS., apparently in his handwriting, says, Aqui ay un grande yerro de el autor, "here the author has made a great mistake!" and the word cuestas de un toro, on the back of a bull, has been erased; and the word cuernos, horns, written in the margin in the same handwriting; his translation is, "He extended his sight as far as his eyes could reach, and beheld, O wonderful prospect! this earthly globe the world resting upon the point of a bull's horn, the bull standing upon a great fish, which fish lay extended upon a vast lake of water."

With respect to this account of the sacrifice, Mr. Deutsch informs me that, "the Talmud and the various Midrashim

contain, mutatis mutandis nearly all the legendary features in this poem. The story of the sacrifice is a favourite subject of the early Jewish Haggadists, and the manner in which Satan -Sammael-appears here successively in his three characters as accuser, seducer, and angel of death, is as characteristic as are the different guises under which he tries to gain the confidence of the Dramatis Personæ. As regards the primitive unstable nature of the Kosmos and the manifold expedients resorted to for its more firm and final foundation, the Haggadah contains two very striking passages. The one (Pirke Rabbi Eliezer, p. 5) speaks of the succession of dissolutions that followed one another; reducing creation to ever new chaos-" even as a great palace, built by mortal man, the foundations of which are not finally laid, and which swayeth hither and thither, until God created Repentance, and the Universe stood." The other passage (Pesachim, 118a) indicates God's Mercy as the only link that held the universe together before the Revelation of the Law."

> Padre de Mariam la limpia, En el mundo especialada.

Morgan gives the following passage in a note to these lines:
—"To all this the expositors [of the Koran] add several traditions of the Eastern Christians, which but for them 'tis probable had been lost. One of them is, that God (according to the Alcoran) preserved her and her son from the Devil. Houssain Vaes, a noted historian, expounds this preservation in these words:—'No child, says he, is born into the world, that the Devil does not touch and handle till he makes it cry, and except Miriam and her son, none were ever preserved and exempted from this handling.'—This tradition seems to have some allusion to Original Sin."—Morgan, vol. i. p. 183.

None of the genealogies of Muhammad are exact, or authoritatively established.

The next portion of this poem will contain the history of Heshim, the great-grandfather, Abdulmutalib, the grandfather, and Abdallah, the father of the Prophet.

YSTORIA DE YBRAHIM ALEHISALEM, COMPUESTA EN VERSO SUELTO: COMIENZA DESDE SU NACIMIENTO Y LO QUE LE VINO CON EL REY NAMERUD.

El que nació de sus obras Cercado en el monte seco, Tuviendo por Padre y madre Solo las dimes¹ del cielo; El que de catorce dias Despues de su nacimiento Conoció al sostenedor Del cielo y sus movimientos; El que en vez de los regalos Que dan á los niños tiernos Sus padres lo apedrearon, Aquellos inicos perros; El que de sus mismos padres Fué tan perseguido, y puesto En poder de su enemigo, Para ponello en el fuego. Este es aquel justo Ybráhim A quien su madre en pariendo, Lo.llevó á una cueva escura De un monte desierto y negro, Por guardalle del cuchillo De aquel Rey falso y sediento Namerud de quien se cuentan Tan endemoniados hechos. Este vidó en su dormir Un triste infierno protento Que le desasosegaba Su falso y maldito pecho; Y fué que en aquellos dias Vió que nacio un mancebo, Que su faisa adoracion Le abatia por el suelo. Es de saber que este Rey Tenia mandamiento espreso Que le adorasen sus gentes Como Dios alto y supremo; Y él adoraba en los ydolos Hechos de barro y madera, Al que le llamaban Teraq,• Muy dorado y muy compuesto.

¹ Climas, P. ² Sustentador, P.

Ajuntó sus adivinos, Y todos se resolvieron Que pasasen á cuchillo Los niños nacidos tiernos: Y por acertar á este Que fué llevado al desierto, Degolló doze mil niños El tirano torpe y ciego. Pues quando vinó la noche Sobre el triste niño tierno, Ya le apretaba la hambre Quando en el mismo momento Bajó Chebril, y le puso En la boca sus dos dedos; Por el uno distilaba Dulce leche, y ansi mesmo Por el otro miel sabrosa, Y aquel era su sustento. Pues à los catorce dias Que tuvo su nacimiento, Ya levantó la cabeza Y vió en el cielo un luzero, Y dixó: "este es sin duda El Señor que servir debo." Y como vió que se pusó Debajo del hemisferio, Dixó: "no adoro Señor Que se traspone tan presto." Vio despues salir la luna Muy clara y resplandeciente, Y dixó: este es mi Señor; Mas en ver que se habia puesto Dixó: yo seré perdido Si no me acude el remedio." Pasó ansi toda la noche Maginando y trascendiendo, Quel alma que Dios la toca Jamas puede estar durmiendo. Y quando fué el claro dia, Vió salir el claro Febo

⁵ Terah, P. ⁶ Pusiesen, P. ⁹ Quando vinó la mañana, P.

³ De la saña, P.

⁴ Ydolatria, P.

⁷ Perro, P.

⁸ Hierto, P.

Y dixó: este es mi Señor Ques mayor que todos estos; Y viendó que hechó¹ el camino Que los otros habian hecho Dixó: "no creo en Señores Que no quieren estar quedos;" Todos estos son guiados Por un solo movimiento, Y en aquel que los gobierna Creo, adoro y reverencio, ${f Y}$ afirmo ques uno solo Quien crió la tierra y cielo, Y á el procaro² mi cara Sin poner le otro aparcero. En esto cayó azaxdado,³ Adorando y bendiciendo, Conociendo á su Hacedor Por conjunturas del cielo. Pues como su madre estaba Siempre con aquel recelo, Pusóle Alláh en voluntad Que fuese á ver si era muerto. Fue y como llegó á la cueva Topó con aquel mancebo Que sin tiempo fué criado, Sin aprender con maestro Estaba en tierra azaxdado; Y dixole: "Yá' mancebo, Por ventura has visto un niño Que hoy hace el dia quinzeno Que lo dexé en esta cueva, Y no sé que se habrá hecho." Bráhim se dió á conocer A su madre, y ella luego Lo tomo sobre sus brazos Con muy crecido contento; Y dixóle "¿ á quien adoras Tan postrado por el suelo? Suele estar aqui postrado El que adoramos y creemos?"" Dixo: "Madre! yo he mirado El cielo y sus movimientos, El sol, la luna y estrellas, Y he visto que todos estos Van andando y se trasponen Ninguno puede estar quedo; Y yo afirmo que hay Señor

Que govierna á todos estos, Ques bueno, y á aquel adoro, Y á él reverencio y creo; Y todo lo que se adora Despues de este adoramiento Es falso de sin verdad, De quien descreo y reniego." La madre que lo tenia En brazos, luego en oyendo Que no adora á Namerud Deposito del infierno; Despidelo de sus brazos Con grande desasosiego, Persuadiendole que adore Aquel maldito argumento Quel axaitan les enseña Para el camino del fuego. Dixó el hijo: "; no has verguenza De tan torpe pensamiento? Afirma lo que yo afirmo Ques camino salvo y cierto." La falsa madre que vió El determinado intento, Alzó su mano y le dió Un bofeton, y tras desto, Toma piedras y le tira \boldsymbol{A} su rostro hermoso y bello, Y con muy rabiosa yra Vuelve á su casa corriendo *K* llamar á su marido Con infernal prosupuesto; Y en llegando à él le dice: "Oye, Ezar, un gran secreto, Sabrás que quando para Aquel niño, con el duelo De no vello degollado Como los que mas⁸ lo fueron, Luego lo saqué á los montes, Y para hacer mas secreto Lo puse dentro una cueva; Y agora quando me he vuelto Pensando hallarlo comido De algun animal hambriento, O'muerto de hambre y sed, Lo hé hallado sano y bueno, Azaxdado á otro Señor Que adora menos del nuestro.

<sup>Hizó, P. Prostraso, P.
Sin estar aqui el Señor</sup> Que adoramos y creemos, P.

³ Azaxhedado, P. · ⁴ Conjeturas, P. ⁵ Dí, P. ⁷ MS. Paris.

⁸ Demas, P.

Aunque mas lo' he persuadido, Jamas quizó hacer mi ruego; Pues si habiendo ayer nacido, No nos guarda mas respeto, Que hará siendo criado? Yo tengo por claro y cierto Ques este aquel que anunciaron Vuestros sabios y acihreros, Este es sin duda por quien El Rey Namerud sangriento Ha degollado los ninos Pensando vengar sus sueños." Quando Ezar oyó la nueva Sobresaltado y acedo, Marchó á la cueva do estaba El mancebo justo y bueno, Y al punto que fué llegado Luego que se conocieron Le comenzó el tierno joven A amonestarle lo mesmo, Que su descreida madre Habia dicho y propuesto. El ciego ydolatra usandó El desatinado termino Que usó su falsa consorte, Y con mas ayrado gesto, Hiriendo su linda cara Con golpes crudos y fieros, Lanzando piedras sobrél, Y como rayos de fuego, Volvió al Rey apellidando Qual tigre ó dragon hambriento; Y ante el Rey arrodillado, Dice, al' Rey alto y supremo: "Has de saber que mi hijo Es sin duda aquel mancebo Que buscas, y con gran prisa⁵ En una cueva lo dexé : El qual à menos de ti Hace otro adorumiento; Y brahim tiene por nombre, Y por tanto importa luego Ynvies á que lo prendan O' lo maten, por que creo Que si vive ha de turbar Toda tu luz⁶ y sosiego." Luego á la ora mandó

¹ Le, P. ² Sediento, P. ⁵ Que buscabas con tal priesa, P.

⁸ De lo qual él se escusó, P.

Namerud á sus guerreros, Con muchos de su compaña Que lo traigan muerto ó preso. Aqui mostró el gran Señor Un hazañoso misterio, Que pusó entre ellos y Bráhim Tres muros altos y recios, Encolosados y fuertes: El primero era de fuego. Chebril decendió a la ora, Dandole terrible esfuerzo, Dixó: "Ybrahim no has miedo Con tan fuerte compañero." Cometieron los sayones A las murallas, y el fuego Que sale del primer muro, Se dexó caer sobre ellos, Y ansi fueron abrasados Todos los que alli vinieron, Quedando alegre y contento Y sin ningun nocimiento Destos trabajosos trances Necesidades y apretos. Pasó muchos hasta entonces Que á instancia y requerimiento De su padre descreido, Que fué su mayor adverso. Dió el Señor lugar que fuese Por el Rey Namerud preso Para enseñar à las gentes Mayores encerramientos, Quel Senor en este punto' Encerro grandes misterios; Y la mayor inchazon Que tuvo para prendello, Fué aquella hazaña astuciosa Que hizo este grande siervo. Un dia de grande pasqua, En el qual todo aquel pueblo Adoraba á Namerud Qual si fuera dios; y á esto Le quisó hacer yr su padre Para traerlo á su gremio, De lo qual se escusó⁸ Finjiendo que estaba enfermo, Y en despidiendo á su padre, Entró en el grande aposento,

³ Recios, P.

⁴ Variante, 0!

[•] Paz, P.

⁷ Justo, P.

Dó estaban todos los ydolos Que su padre tenia hechos: Y entre ellos el gran Teraq, 1 Que era el que adoraban ellos; Y tomando una segur Hiriendo á diestro y siniestro, En aquellos sucios vultos, Las piernas brazos y cuerpos, Todos los hizó pedazos; Y ad aquel que estaba enmedio, Que era él que tenian² por dios, El Rey destinado y tuerto, Muy dorado y muy precioso Con grandes joyas y arreos, Le sacó entrambos los ojos, Rompiendole todo el rostro; Y le pusó la destral Encima de su hombro diestro. Y quando el maldito Rey Con todos los de su pueblo Vinieron de su heregia, Todos juntos acudieron **Azache**dar ante el Rey Ques este que ymos diciendo: Y viendo aquel grande estrago De los ydolos deshechos, Y él que por dios adoraban Lastimado y tan marchito, Echando una voz horrible Diciendo: "tan guai de aquel," **Este** daño en nuestros dioses Sobrél será mi tormento." Y asi el Rey y sus compañas, Maginando quien ha hecho, Y asi memoraron todos Que Ybráhim habia hecho: Muchisimas ocasiones En publico y en secreto Habia dicho Abraham, Que los dioses de madera, El les cortaria las caras, Pisandolos por el suelo. Luego la maldita gente Le acusaron, y traxeron Delante de Namerud, Y dixole; por que has hecho Tal maldad? y él respondió

Con rostro alegre y sereno: "Tienes aqui el malhechor Y buscas otros agueros? Este que tiene la hacha En el hombro es él que ha hecho El daño en estos otros, Por que no le obedecieron; Y estos como han sido muchos Le habian perdido el respeto, Hiriendole como veis Dentrambos los ojos tuerto; Mas pues quedó con vitoria, Si quereis satisfaceros, Hablalde, quel os dirá La causa de este secreto; 6 Que aunque queda malherido Es grande y de fuerte pecho." Dice el Rey: "estos no hablan, Ni se apartan⁷ de su asiento, Ni tienen ningun sentido Para daño ni provecho." Respondió entonces Bráhim: "Pues ¿ como, torpes y ciegos, Adorais en esta estatua Pedazo de barro y leño? Vosotros soys los perdidos, Siervos del perpetuo infierno, Sin razon y sin camino, Del axaitan compañeros; Adorad al que os ha hecho De nada, y al que os sustenta Sin ningun merecimiento." Quedaron tan indignados, Llenos de infernal veneno, Que todos juntos á una, Apellidando, diciendo: "Muera el traidor que perturba Nuestra creencia y sosiego!" Y con grande alteracion Buscan el mas fuerte medio Por donde pudiesen dar El castigo mas horrendo. Unos dicen sea ahorcado Este publico hechizero! Otros muera apedreado Ques el castigo mas recio. Otros dicen: que lo axenen §

¹ Terah, P. ² Tenia, P. ³ Ciego, P. ⁴ Azachedar & Terah, P. ⁵ Dixó: "tan guay del que ha hecho, P. ⁶ Suceso, P. ⁷ Mudan, P. ⁸ MS. P.

A perdurable destierro. En medio esta confusion, Se puso grato y muy ledo El que para todo mal Da la traza y el consejo, Diciendo: "lo que os conviene Es que lo quemeis, y siendo Quemado, aventeis' sus polvos Que se los lleven los vientos. Y ansi viviran seguros El Rey y todo su Reyno." Este parecer les diò Aquel dragon carnicero, Y colera de axaitan: Quadróles bien el consejo. Luego el Rey mando traer Leña, y tal prisa se dieron Que hicieron una montana De sejos y fuertes leños: Nueve meses carrearon, Segun el ebraico testo; Y Bráhim puesto en la carcel, Cargado de duros hierros. Fué tanta la demasia De la leña que truxeron,º Y el fuego que se encendió Que hasta las nubes del cielo Derretia su calor: Que casi llegaba al cielo. Era su calor tan grande Que en torno de su[®] ancho cerco, Una milla al derredor, Nadi se llegaba al fuego; Y para poner á Bráhim Sobre aquel luego soberbio Estaban embelesados, No sabiendo que remedio Tuviesen para arrojarle; Hasta que vinó entre ellos En habito de hombre santo¹⁰ Aquel que cayó del cielo, Y tal astucia les dió Este infernal carpintero, Que solo podria caber

En su endemoniado ingenio. En la boca de un trabuco Lo ponen en vivo cuero, Atado de pies y manos, Donde lo arrojan al fuego, Por donde las vivas llamas Que hubo de medio á medio. Cojióle la ardiente pira; Mas él llamando y pidiendo Socorro al proveedor Del verdadero remedio: Luego decendió Chebril En apresurado vuelo, Sudando por defenderle De aquel trabajoso¹³ estrecho. Recibieronle las llamas Con tan templado sosiego, Que no solo no le queman, Mas los arboles del cielo Doblaron sus verdes ramas Con fruto sabroso y tierno; Y daban al buen Ybráhim Fragante y dulce sustento; Y asi estaba con Chebril En medio el ardiente fuego, Kazonando de las cosas Del alchana y sus contentos. El Rey muy regocijado, Quando vinó el dia tercero Que ardia con mas hervor Este artificial ynfierno, Salia por deleitarse A ver cumplido su intento, Dando ya por acabado Aquel aciago hecho; 13 Y mirando vidó á Ybráhim Sentado con gran sosiego, Rodeado de las llamas Sin ningun temor ni miedo.14 De lo qual quedó espantado, Basqueando como perro: Dice que ha de conquistar Y dar guerra al alto cielo, Por que le defiende á Brahim.

Aventad los, P.

Can cerbero, P.

Y como era de axeitan, P.

NS., P.

Aves del vuelo, P.

Amenazando á los cielos, P.

Dando al cañon cebo y fuego
Por entre las vivas llamas
Le arroxan en medio á medio. P.

Y como era de axeitan, P.

Sabio, P.

Enbarazados, P.

Peligroso, P.

Codiciado, P.

Alegre contento y ledo, P.

[De su juicio y apremio].¹ Intentólo el perro inico, Y tuvó tan buen suceso Que un pequeñuelo mosquito Le dió fin triste y acerbo; Y fué tal su mala antia,² Que para tener sosiego De su pesima dolencia, **Habian de estarle hiriendo** Con mazas en la cabeza, Sin parar solo un momento. Asi murió el infernal Con esta pena y tormento, Despues de seiscientos años Que vivió sobre este suelo. Acabado este traidor, Volvió á su padre perverso Ybrahim con grande amor, Acariciando y diciendo: "; O' mi padre! por que adoras Simple, sin luz, torpe y ciego A quien no oye ni vé, Te daña y no hace provecho? ¡O'mi padre! por que sirves Al Ebliz, maldito y perro! Mira que seas persona Enemigo claro y ciego. ¡O' padre! ya me ha venido De parte del sacro cielo Saber lo que à ti no vino Para descanso y consuelo: Sigueme y te guiaré Al camino limpio y neto, Y rogaré á mi Señor Por el perdon de tus yerros. ¡O' padre! conocete, Mira que tengo por cierto Que te toque el aladeb La pena y el escarmiento." Pero su padre obstinado, Ciegos sus entendimientos, Y en entrambos sus oydos Puso candados de fuego. Y asi murió el descreido

Sin ningun merecimiento, Habitando con su vida⁷ Al perdurable tormento. Luego el buen mancebo pusó Orden en su casamiento Con Sara, una prima suya, Moza hermosa y de alto precio, Que tambien eran sus padres Del ydolatrico pueblo; Y como vió que su hija Seguia ya los preceptos De Ibráhim su sobrino, Y que le amaba en estremo, Desnudóla de las joyas Que vestia y los arreos; Con una¹⁰ aljuba de lana Sin otro ningun arreo, Los echo¹¹ la puerta afuera Y asi en medio de un desierto Solo los dos se hallaron; Y para quel casamiento Se efectuase, no hallaron¹² Entremedio¹³ de terceros; Y tambien, por que Abraham No tenia ningun medio, Para firmarle asidaque¹⁴ Por ser tan pobre mancebo, Y por que se efectuase El dichoso casamiento, 15 Que habia de ser en el mundo De tanta gloria y provecho, Decendió luego Chebril Con otros tres compañeros; Eran Micayl 16 y Zarafil, Y Reduan, 17 portero del cielo. Dixó Chebril: "yá19 Abraham, Dice el Señor verdadero Que asegures á tu esposa El asidaque¹⁹ y derecho Sobre su gran deleitaje: Quél sale fiador de aquello. Ya traigo aqui los testigos Y el algualy y yo con ellos; Cumplimos la obligacion

¹ Paris. ² Enfermedad; malantia, P. ³ Acariciado, P. ⁶ Y asi murió descreido, P. ⁴ Es á la, P. ⁵ Castigo. ⁸ De Ibrahim su buen sobrino, P. ⁷ Acuytando con su aroh, P. 12 Hallaban, P. ¹¹ Le batió, P. ¹⁰ Y con, P. ⁹ Sus, P. 14 Dote. ¹⁵ Concierto, P. 16 Micheil, P. 13 Intervencion, P. 17 Ridguen, P. 18 Ye, MS. P.; interjection Arabe, O'! 19 Acidacal, P.

Que se debe al casamiento." Asi fué casado Ibráhim Con grande gozo y contento, Tomando asiento en Canaan Dexando el pueblo Caldeo.

SEGUNDO CANTO DE LA YSTORIA DE BRAHIM ALEI-SALÉM COMIENZA DESDE SU NACIMIENTO Y LO QUE LE VINO CON EL REY NAMERUD.

En la tierra de Canaan, Provincia fertil y rica, El siervo de Dios Ybráhim A su contento vivia Con solo su muger Sara, Sin ningun hijo ni hija; Gozando de las mercedes Que su Señor les hacia, Quando baxó el fiel Chebril Una noche y le decia: "Ibráhim! tu Señor manda Que dexando esta provincia, Tú solo con tu muger Para Arabia hagas via, A un pueblo que está sitiado Al medio de medio dia; Porque alli quiere el Señor Asentar su cetro y silla Aparejado á Muhamad Y á su gran genealogia, Y edificar un gran templo Que es la mayor alfadila.¹ En él será celebrada De quantas tiene ofrecidas En la tierra á los mortales Y en el cielo á los que vivan. El lugar se llama Maca, Villa por Alláh escogida, Por metropol y cabeza De su ley santa y divina." Esto dixo, y se despide El angel con grande prisa. Despierta Bráhim á Sara Y con muy grande alegria Le cuenta la alegre nueva, Y como Dios le hacia Merced hecho á manos del² En obra tan santa y pia.

Gran contento recibió Sara, y en aquel mesmo dia Aparejan su viaje, Y de toda su familia Se despiden, y á la hora Caminan á grande prisa. Andando por sus jornadas, Hubieron de hacer su via Por tierras del Rey Agar, Quen Egipto residia: Y pasando por el monte Salieronle las espias De este Rey, y los prendieron, Y á palacio los traian. Dixó Brahim á su esposa: "Si te preguntan que digas Quien eres ó quien soy yo, Diras ques hermana mia, No digas ques mi muger." Mas Sara no lo entendia Lo que dixó su marido, Que se lo dixó por cifras, O' se le olvido en el tiempo) s Que mas menester le hacia. Y ansi al punto que llegaron, Ante el Rey resplandecia La bella Sara, y su cara Privaba la luz del dia. Mandó el Rey los dividiesen Y á Bráhim luego traian Primero, y luego le dice: "Dó llevas esta alcheria" Es tu mujer por ventura? Dime ¿ para dó caminas?" Dixó Bráhim: "Es mi hermana Que al Arabia mas vecina La llevo por ciertas cosas Que allá se nos ofrecian;

Merito.
 Merced de echar mano del, Paris.
 Arabia, Paris.
 Es está aqui por eres.
 MS. Paris.
 El rey, Paris.

مارية ت doncella.

Mira Señor, que nos mandas, Que importa nuestra partida Abreviar, por que tenemos De caminar muchos dias." Luego traxeron a Sara Para probar si decia **Verda**d lo que había dicho Y bráhim, ó si mentia. Ella ignorante responde, Ques su muger muy querida. El Rey indignado desto Quiso cumplir su codicia, 1 Dando fuerza al apetito; Por que de la bizarria De Sara estaba perdido; Y asi con infernal² ira Mandó imprisionar á Ybráhim En pago de su malicia.³ Dixó, Señor, "yo no miento," Ni nunca el Señor⁵ permita, Quen nuestro dim es mi hermana, Y en parentezco mi prima. Ninguna de estas razones Fueron del Rey admitidas, Mandó encarcelar á Bráhim, **Y á Sara** llevar hacia **A su camara R**eal Para cumplir su codicia. Asi fué llevada, y puesta Sobre aquella cama rica, Que mas que la clara luna Su cara resplandecia. Entre tanto el buen Ybráhim, Considerad que sentia, Viendo llevar á su esposa Que mas que á si la queria; Y aquellos rabiosos zelos Le daban tanta agonia, Que casi el alma arrancaba, Con mil sollozos vomita: Diciendo: "Rey de los cielos! Mira mi alma aflijida Que mas que la amarga muerte Siente esta furia maldita: Libranos' de esta congoxa, Señor, que tú es él que libras De los tristes corazones

Las congoxas y agonias." En esto el lacivo Rey, Ciego y el alma rendida, Entró donde estaba Sara, ${f Y}$ ella con ansia crecida Rogaba al Señor la libre⁸ De aquella furia laciva. Oyó Alláh estas peticiones, Y al tiempo que el Rey asia Della, sintió su persona Cortada, tullida y fria; Y aunque mas quisó esforzarse, Fué por demas su portia, Que quanto mas se esforzaba Menos fuerza en si tenia.10 De aqui conoció su yerro, Y por Bráhim envia A la prision donde estaba, Embuelto¹¹ en pasiones vivas: Al qual le pidió perdon, Y con humildad pidia Que rogase à su Señor Por su salud y su vida. Y ansi por medio de Bráhim Volvió la salud cumplida Sobre el Rey, quedando Sara Libre, honrrada y sin mancilla, Y el Rey muy agradecido Les dice manden y pidan De su palacio y su Reyno Para su jornada y via, Qual si fuesen propios suyos Los reynos que¹² poseia. Ellos le besan las manos Por la merced ofrecida, Pidiendole la licencia Para abreviar su partida. En el ynter questuvieron Detenidos estos dias, Regalados y servidos Con gran gozo y alegria, Una hija de este Rey Que Hechára se decia, Hermosa, bella y gallarda, De edad lozana y crecida, Heredera unica y sola Del Reyno, casa y familia,

¹ Malicia, Paris. ² Crecida, P. ³ Mentira, P. ⁴ El dixo: Señor no miento, P. ⁵ Dios tal, P. ⁶ Dura, P. ⁷ Librame, P. ⁸ A Dios la librase, P.

Fuerza, P. 10 Sentia, P. 11 Revuelto, P. 12 Quel, P.

De la compañia de Sara Acariciada, y movida De aquel zelo, justo y santo Quen Bráhim conocia, Con nil amorosos ruegos A su padre el Rey se humilla, Diciendo: "padre y Señor, Suplico sea concedida Una merced que te pide Esta tu querida hija; Que me des licencia pido Para quen la compañia De Sara con Abráham Vaia á la Arabia bendita, En custodia destos justos Que siguen de Dios la via, Que yo desisto del Reyno Y de su pompa y estima Por guardar¹ el Reyno eterno Ques perdurable su silla; Y pues esta mi demanda Es justa, sincera y limpia, Suplicote me socorras, Como de ti mi alma fia,• A4 peticion bien fundada." ; O' voluntad santa y limpia! O' pecho bien cimentado, Fé sincera, pura y fixa! 1 Donde jamas se vio intento En esta misera vida Por muy sincero que fuese Para dexar sus caricias? Grandes hazañas hicieron Los que en solitarias vidas Consumieron este mundo En oraciones contritas; Mas ya fué quando su edad Los yba llamando áprisa, Y el mundo ya los dexaba De su alegre compania, De su mocedad impia; Llamados por sus transgresos Y sobresaltadas vidas, Vinieron á hacer parada En rábidas algaribas,⁶ Los otros que libertaron

A costa de sangre y vidas Sus patrias, qué mucho hicieron Si la muerte tan vezina Tenian dentro en sus pueblos, Donde á pura fuerza habian De morir ó libertarse : Y esto les daba osadia Para señalar sus hechos Y ganar la eterna vida. Como aquella gran matrona, Quando su ciudad rendida Estaba por los Asirios, Y ella al riesgo some Se puso en medio el tida, A donde quitó la vida Al capitan Holoferno; Y ella libre y sin mancilla Liberto su amada patria; Y aunquesta hazaña fué digna De gloria y grande alabanza, Fue por fuerza acoseguida. Mas esta que voy tratando, Libre, hermosa, tierna y niña, Heredera de un gran Keyno, Siendo poderosa y rica, Cosa que acaricia y llama Al mas justo su codicia, Forzada de amor divino Dexa su padre y desista Del Reyno, patria y riqueza, Pompas, galas, bizarrias, Por seguir el justo zelo De una pobre compañia. ¡ Bien por cierto mereciste El nombre que te apellidan, O' serenisima Infanta! Pues mereciste ser digna, Ser la fuente y manantio De la luz esclarecida! Pues como Agar conocio La voluntad conocida,⁸ Y que su justa demanda Tal respuesta merecia, No soló le dió licencia Mas en aquel mesmo dia Dexó su creencia falsa

¹ Ganar, MS. Paris.

² Respondas, P.

^{4.0!} P.

⁵ Fita, P.

⁷ Estas lineas faltan al MS. Paris.

³ Como de ti se confia, P.

Ermitas lejanas.

⁸ De su hija, P.

Y lalisalem¹ seguia; Y con muy grandes riquezas Que les dió, los despidia; Tomando á prisa el camino, Todos tres en compañia. Y quando Alláh fué servido Quel Arabia descubrian, Al Señor que los crió² Daban gracias infinitas; Y en llegando á aquel puesto Donde parar se debian, Asentaron sus bagajes Para hacer alli su via, Aguardando de su Señor Orden nueva en que le sirvan, Dale la traza y consejo De lo que fué su venida. Pasados ya muchos años Quen Arabia residian Bráhim y Hechara juntos⁷ En alegre y santa vida, Viendo Sara que aumentaba En años y tan de prisa Corre su cansado tiempo, Y que hijos no paria, A su marido Abráham Le pide ruega y suplica, Que pues ella no concibe Ni tal esperanza habia, Se case con la Princesa Hechara, quen compania Vinó con ellos de Egipto, Y el Señor se serviria Darle justo sucesor De lo quella carecia. Tibio Bráhim del⁸ consejo Que Sara le proponia, Indeterminado estuvo Sin saber lo que haria. Estando en esto confuso, Quando Chebril decendia, Y dixó que efectuase Lo que su muger decia; Que su Señor dicretaba, Y mas que decendiria Sobre ellos la bendicion

En gracia tan estendida, Que ecederá á las estrellas Su grande genealogia. Ibrahim hizó el mandado De su Señor, y aquel dia Efectuo el casamiento Quel angel dicho le habia. Luego se hizo preñada De aquella luz, que influida 1ba en la frente de Bráhim, A Muhamad prometida, Se pasó á la hermosa ynfanta, Y en ella resplandecia Su cara como la luna Clara, redonda y cumplida. Cumplidos los nueve meses, Parió un hijo y le ponian Por nombre Ysmael, 11 tan bello Como el luzero del dia. Sacó la insignia real De la luz esclarecida De nuestro padre primero A Muhamad prometida.¹² Muy contento quedó Bráhim Desta merced tan crecida, Loando al Señor del cielo Toda la noche y el dia; Y como tanto en los hombres Se empoderó la malicia, Despues quel angel maldito Decendió de su manida, 13 Comprendiendo à todas partes Esta corrupta semilla; Esta que tanto se apega Adonde halla acogida; Esta entre Hechara y Sara Deshizó la compañia, Y las hizó tan contrarias Quanto de principio amigas. Hubó disbarate entre ellas, Hubó discordia, hubó riñas, Y se inficionó el contento Que de principio tenian. No sé si Sara zelosa De la sobrada alegria Que la princesa gozaba

el Islam, el alisalem, P. ² Guió, P. ³ Su fardaje, P. ⁴ Subida, P. ⁶ Y dar la traza y principio. ⁶ De lo que a fue su venida, P. ⁷ Hechara y Sara, P. ⁸ Al, P. ⁹ Estaba, P. ¹⁰ MS. Paris. ¹¹ Yzmeyl, P. ¹² De aquel cristal descendida, P. ¹³ Morada; Sic, Paris.

Con hijo de tanta estima, O si la princesa ufana Quisó usar mayoria Por ser madre de tal hijo, Y de Bráhim tan querida. Todo debió de ser parte, Segun que parece hoy dia, Que de su primera leche Quedaron estas mancillas. Esto quedó á Rachel Con su propia hermania Lia, Que sus hijos fueron parte De sus zelosas ynvidias. Viendo esto el justo Bráhim, Determinó dividirlas Por evitar sus1 disgustos, Y el quitarse de mohina. Tomando á la princesa Y á su hijo en compañia, La arredro en las montañas Altas, asperas y umbrias, Y les llevó provision, Y él se volvio á su posada Lleno de mala enconia.² Hechara y su amado hijo Que los montes solenizan,º Comiendo yerbas sabrosas Y las raizes campiñas: Por que el Patriarca justo Se descuidó algunos dias De llevarles provision (Que facilmente se olvida Aquel que mas se desvela De lo que mas necesita), Vinieron à tanto estremo De hambre, y á tanta estricia Que ya el hijo no se mueve, Ni ansi⁷ la madre se⁸ anima. Al fin la triste princesa, Lastimada y dolorida, Por no ver morir de hambre), Al que mas que á si queria) Le dexó tras de una peña Y ella la montaña arriba Se fué, loando al Señor, Que á tal estremo venia;

Y quando le pareció Que la limitada vida De su delicado hijo Seria ya concluida, Volvió por ver si era muerto, Y halló que antes tenia¹⁰ Un pozo¹⁷ de agua muy clara Y provisiones muy ricas. Llamabanse aquellas sierras De Zanzan y son las¹² que hoy dia Aquel pozo en su jornada Los alhijantes¹³ visitan. Considerad el contento Que la princesa tendria, Hallando á su hijo vivo Y con celestial comida; Y mas que en el mesmo punto El fiel Chebril decendia, Dandole esfuerzo y contento Con grandes nuevas y albricias. Siendo ya Ismael criado, En edad bella y crecida, Muy contentisimo Bráhim, Que ya en quieta paz vivia, Quando descendió Chebril, Y el santo circulo afirma De la fundacion del templo, Donde y como Alláh queria, Fuese la fabrica hecha. Señalada en quatro esquinas, Medido el 16 largo por pies Ciento y quareinta tenia, Y en anchos solo quareinta; Y para que sin fatiga Esta obra se hiciese, Enseña á Bráhim que diga Quatro palabras con quien La santa obra se hacia. Ismael le acompañaba A quanto alli se ofrecia, Como aquel quen justa ciencia¹⁷ La tal obra pretendia. Dixó el angel á Bráham: "Esta casa se edifica En insignia de otras siete, Quen los cielos están fixas,18

¹ Mas, P. ² Melancolia, P. ³ Solicitan, P. ⁴ A vezes, P. ⁵ Estrecho, P. ⁶ Apuro, P. ⁷ Ya, P. ⁸ Le, P. ⁹ MS. Paris. ¹⁰ Ante si tenia, P. ¹¹ Poco, P. ¹² Es el, P. ¹³ Alhichantes, P. pelegrinos. ¹⁴ Asigna, P. ¹⁵ Faltan al MS. Paris. ¹⁶ Al, P. ¹⁷ Herencia, P. ¹⁸ Se habitan, P.

Y has de saber questa sola Excederá en alfadila A las siete que en¹ los cielos, Por que será establecida Para el sello del perdon, Y compaña mas lucida Quel Señor crió en el mundo Para su ley escogida. Esta será visitada De las naciones del mundo, Y en los cielos mas temida.² Con esto se fué Chebril;

Y luego Bráhim principia Su obra bendita y santa Con su hijo en compañia: Y quando ya los cimientos Sobre la tierra divisa, Quando el circulo santo Fuertes paredes ceñian, Contento Ibráhim de ver Como en efecto podia, Dixó ad Alláh su Señor, Esta breve rogativa.

PETICION.3

Recibe, Señor piadoso, Esta obra á ti ofrecida, Mandada por tu juicio Y á tu honor y gracia asida, Haznos, Señor, muzlimes Por tu encumbrada alfadila, Y que de nuestras naciones Haya alumas muzlimas. Enseñanos nuestra obra Ante tu esencia divina, Obrenº quantas criaturas Ante tu juicio asistan; Y pon en nuestras personas La repentencia cumplida, Que tu recibes y alaxas⁷ Las apenitencias limpias. Deciende, Señor, sobrellos: Digo a los nuestros ymvia Mensageros dellos mismos De su descendencia misma, Que les ensenes misterios De tus Zalaes santisimas,

Y tu alquiteb les enseña Y tahares sus nias, Para que en tu amparo grande¹⁰ Vivan en eterna vida; Queres honrrado en tus hechos, Y tu ciencia¹¹ es infinita. Señor, tu seguro pido Que pongas en esta villa Que sea de sus contrarios Reservada y defendida, Y dé arrisque 12 á los mortales De las frutas y semillas; Digo à los que te conocen Y mantengan tu Justicia: 13 Y á los que con tú descreen Y tus preceptos no sigan Habita¹⁴ Señor con ellos K la pena dolorida."

Pues quando fué ya acabada Esta fabrica bendita, Sus paredes y cubiertas Como el sol resplandecia.

TERCERA ISTORIA DE BRAHIM ALEHISALEM.

Como el Señor es tan justo Quen su juicio no coje 15 Mal que dexe sin castigo Ni bien que no galardone: En pago de los servicios

A que Bráhim se dispone, Lo especialó por su amigo Que fué el mejor de los dones. Que hasta entonces en el mundo Pudo gozar ningun hombre:

- ¹ De, P. ² Tenida, P. Variante, estimada. ³ Oracion, P. ⁴ Ensalzada.
- ⁵ Sectas. ⁶ Sobre, P. ⁷ Acoges, P. ⁸ Aleas, P. ⁹ نته intencion.
- ¹⁰ Y gracia, P. ¹¹ Sciencia, P. ¹² Pone arrizque en sus morantes, P.
- ¹³ Y teman tu gran justicia, P. ¹⁴ Acuyta, P. ¹⁵ Acoge, P.

Y para darle esta nueva Manda el Señor de Señores **A'** Malac al-mauti baxe Y la embaxada denote. ; O' misteriosos secretos! z A quien habrá que no asombre Estas enigmas obscuras Quel Senor nos antipone; Ver que en todos los apretos Estrechos y pugniciones, Calamidades y afrentas, Hambres, fuegos y prisiones, Fué su ordinario consuelo, Su defensa y muro doble El almalaque Chebril, Gran consuelo de afliciones; Y agora para alegrarle Con las albricias mexores Emvia á Malac al-mauti, Que atierra solo su nombre; Por que con un gran contento Un gran temor se abandone, Y lo amargo con lo dulce Mezcle su sabor disforme. Como son frutas del mundo No hay otono que sazone Sus desaboridos gustos Ni sus acedos sabores; Ni jamas hubo contento Entero que no lo borre El acibar de su hez, Ni placeres que se colmen. Asi le vinó á Bráhim Que aunque fué de los mayores La nueva de los que fueron Deballados hasta entonces, El nombre del mensajero Es tan grande y tan noble¹ Que solo su nombre causa El mayor de los temores: Y por que no cause espanto Le manda el Señor que tome La mejor de las figuras, Y que su persona adorne De tal manera que à Bráhim A mil contentos provoque. Baxó el fuerte Azarayel,

Y ansi se adorna y compone, Que no vidó almalaque En todas las tronaciones Tan gallardo y tan hermoso, (Tan colmado de favores),² Su rostro alindado y bello Como rosa entre las flores; Su vestidura preciosa Con muchos lazos y flores; Su lengua dulce amorosa, Sus ojos como dos soles; Su habla amorosa y grata, Sus palabras y razones Compuestas, y azucaradas Con almizcadas olores; Humilde, afable y gracioso, Dando de si 4 resplandores, Quel cielo dexó admirado Con todos sus moradores. Entró por casa de Ibráhim, Que sobre todos los hombres Era zeloso, y estaba Descuidado, y luego dióle La nueva del nuevo huesped Sus muy fragantes olores. Volvióse al olor, y viendo Dentro en su casa aquel hombre, Le pregunta algo alterado ; "Amigo! dime por donde Entraste dentro en mi casa Sin mi licencia y mi orden?" "El ques Señor de la casa, Malac al-mauti responde, Me ha mandado que dentrase No te alteres, ni te asombres." "Mi casa tiene otro dueño, Respondió Bráhim, que more En ella menos de mi." Dixó el angel: "no lo ignores Que aquel que á ti te crió? Es él que manda y dispone Lo hecho, y lo por hacer: Su poder á todo acorre." "Pues dime, eres mensagero Del Señor, honrrado y noble? Ruegote, digas quien eres, No me suspendas tu nombre;

¹ Enorme, P. el angel de la muerte. ⁴ Tales, P. ⁵ Dentraste, P.

² MS. Paris. ⁶ Ademas de mi.

³ Bordes, P.⁷ Te halecó, P.

En solo verte me alteras, En hablarte me corrompes; En mirarte me atribulas, Y causas que me acongoxes Mi color calido y frio, Mis venas cortas y rompes; Mis lados me titubean, Misjunturas descompones; Mi alterado corazon En su aposento no coje, Ques su morada pequena, No halla donde repose." El celestial mensagero Que ya de Brahim conoce Su grande desasosiego, Asi le dice y responde: "Yo soy quien mi nombre temen Quantos memoran mi nombre, Desde la mas baxa tierra Hasta las mas altas torres,² Yo soy el que nadi esenta De mis amargas pasiones, K todos los hago iguales A los grandes y menores, Desde el labrador mas baxo³ Al emperador mas noble Y dende el mas alto Rey A los mas baxos pastores. Yo soy la sola atalaya Que á mi vista no se asconde Criatura que alma tenga, Ni cosa que vida goze. El que las copiosas huestes Acaba, deshace y rompe, Y él que los cuerpos despoja De sus amados arohes. Yo pueblo los cementerios, Hago quen las fuesas moren, Y despueblo las moradas De sus propios moradores; Ciudades, villas, castillos, Altas casas, fuertes torres, Yo las allano por tierra, Sus dueños y prevenciones; Yo las alchamas copiosas Pompas, brios y ambiciones, Las allano por el suelo,

Sin dolor de sus dolores. El que los hermosos rostros Cambio en malos colores, Y en calaveras resuelvo Las bellas dispusiciones; Yo las dulces compañias, Tratos y conversaciones Aparto, deshago y tuerzo En llorosas aflicciones. El que los gustos aceda, Y él que aparta y descompone El amigo de su amigo, Sin ver si es rico ni pobre. No quiero treguas con nadi, Jamas escucho razones; De ninguno soy amigo, A todos trato de un orden; Azarayel me apellidan, Malac al-mauti es mi nombre; Quien nunca temio, y le temen Todas las generaciones."

Causó en Bráhim tal pasmo Su habla, presencia y nombre, Que por espacio de una hora, Falto de aliento atordióle. Vuelto de su parasismo, Cobrando aliento esforzose Y dicele: "di que quieres Ruegote, tu habla acortes," Malac al mauti amoroso Le esfuerza, anima y responde, Con voz humilde y alegre Estas siguientes razones: "Alláh el alto y sempiterno, Que hace, ordena, y dispone, Como quiere, y puede hacer⁸ Sin que nadi se lo estorbe, Ha especialado un amigo En los hijos de los hombres: Hasta qui no hubó ninguno Que mereciese tal nombre, Y para alegrar tal siervo Con esta gracia, mandóme, Baxe á pedir las albricias Al que por amigo escoge. Mira Bráhim que ventaja, Que mercedes y favores,

¹ Yerto, P. ² Orbes, P. ³ Triste, P. ⁴

معمور القبور في معمور القبور في

⁶ Trueco, P. ⁷ Aturdióse, P.

⁸ Sabe y puede, P.

[•] Ventalla, P.

Merecieron de este siervo Sus servicios y loaciones?" Ibráhim que atento estaba A las sabrosas razones Del angel, con gran contento Dice, quando aquello oye; Guiame para que vea Ese varon justo y noble, Para quel suelo que pisa En nombre de Dios¹ le² adore, Para que lo comunique, De su habla y vista goze; Y siendole siervo fiel, Tal apellido me glorie, Para quel agua que beba Y para quel pan que come Sobre mis hombros le traiga Y de mis manos la tome; Y mereciendo tal gloria \boldsymbol{K} su mandado me postre, ${f Y}$ el tiempo todo que viva Le sirva, venere y honrre." ; Humildad bien levantada, Como del señor conoces La gracia de que te adornas Y la gloria en que te pones. $m{X}$ quantos has levantado De las baxezas mayores Sobre los mas altos tronos, Y á los asientos mejores, Por ti fué Edriz levantado, Y diste silla de honores En la gloria, hasta que Izarafil, Su zumbante cuerno toque: Por ti el general diluvio De su rigor amainose: Tú resolviste aquel agua Quen otro vaso no coje; Por ti fué librado Lot De aquellos fieros sayones, Y de la furia del cielo Quando el gran fuego abrasóle: Tú partiste el mar bermejo En doce calles, por donde Fué Muse libre, y hundiste Los soberbios Faraones; Tú sacaste del alchupe,4 De esclavitud y prisiones,

A Yusuf, y tronizaste Sobre los Reyes su nombre: Tú volviste a Sulaimen Su Reyno, quando tan pobre Vinó á ser menospreciado De todos los otros pobres: Quien sino tú hizó amigos A Daniel con los leones, Quando en la caverna obscura El Asirio Rey lanzóle: A Ninive libertaste Del acelerado azote, Que ya sobre sus espaldas Casi se asentaba el golpe; Sacaste aquel gran profeta De aquel vientre tan disforme, Y para tanto bien nuestro A su pesar vomitóle: Tú desipaste la guerra De los angeles ferozes Quando el soberbio Luzbel No quisó azaxdarse al hombre: Tú lo lanzaste del cielo A las cavernas mayores, Dó viviran para siempre En perdurables dolores. Bien confirmas tus hazañas Y tus triunfantes blasones En su ystoria de este justo Ques bien le sublime y honrre: Tú lo libraste del fuego De Namerud, y hoy lo pones En el mas subido trono Y en el numero mas noble. ¡ O' celestial mensajero! Quien duda que sus razones Tan humildes de este suelo En pago de albricias tome. "Alegrate justo Brahim Dixó el angel, que este nombre K ti solo pertenece, Y á ti por amigo escoge El Señor que dá sus gracias A quien tambien las conoce, Y quiere que tu humildad Te levante y lustre, y dore, Da gracias a tu Hacedor Que tan subidos favores

¹ Allah, P. ² Lo, P. ³ Le, P. ⁴ Lo, P. ⁴ Concavidad.

Te hace entre los mortales, Quél es el honrrado y noble." Atonito y espantado, Sin saber como o por donde Merecieron sus servicios Tan crecidos gualardones, Cayó Bráhim azaxdado, Dando gracias y loaciones, Al Senor que quisó darle Tan superlativos dones. Dos oras largas estuvo En su zaxda, y levantóse; Mas ya no halló al mensagero; Por donde vinó volvióse. Viendo que no parecia, Muy en estremo gozose, Por que sin duda pensaba Que como con los arches Azarayel procuraba, Y en ningunas ocasiones Sirviesen sus embajadas De contentos ni deportes

Jamas estuvo seguro, Imaginando que entonces Le quitaria su roh, Y aquesto atemorizole Tanto que aunque su embaxada, Su habla, talle y razones, Ropas, apostura y gracia, Alegrase á qualquier hombre, Y aquella cara alindada Echase mil resplandores Ojos, labios, vista y talle, Y todas sus perfectiones, Todo incitaba á contento; Y en solo nombrar su nombre, Le inquieta, disgusta y turba, Hace que deshaga y borre Toda la gloria y contento Que le denuncia y propone; Mas quando ya satishecho, Fué de su ausencia gozoso, Muy mucho dando el Señor Infinitas bendiciones.

CANTO QUARTO DE LA YSTORIA DE BRAHIM ALEHIZALEM.

De las pasadas albricias Y del contento pasado Que le dió Malac al-mauti Como atras quedó contado, Quedo tan agradecido Y al Señor tan humillado Ibráhim el nuevo amigo, Que no tiene hora ni espacio Que no se ocupe en servir **Al S**eñor que lo ha criado; Y ayunando todos dias Y las noches trasnochando, Continuo azala haciendo, Sin un hora de descanso. Estando pues una noche Sobre su cama acostado, Con Hechara, la piadosa, Y Ismael, su hijo amado, Descansando su persona De aquel continuo trabajo, Quanda el mas sabroso sueño Le daba mayor regalo, Oyó una voz que le llama

Con tono amoroso y blando "Ibráhim, siervo perfeto, Escucha esto que te hablo, Despide el sabroso sueno, Dexa el gustoso decanso, Y acercate a mi alcorben 1 En mi nombre eterno y santo, Que lo reciba de ti Y paga en lo adelantado De tu nombre sin segundo, Y en el dia del espanto Te daré premio por ello, **Y** quedará celebrado Tu nombre en los venideros Y en los presentes dechado." Despertóse el justo Bráhim Amedrecido, y pensando Que era de parte de Ibliz Aquel sueño revelado; Y luego en amaneciendo Para cumplir lo soñado Degolló un grueso camello, Y siendo despedazado

1 القربان sacrificio.

Repartió toda su carne A los pobres y acuitados, Diciendo "; ó mi Señor! Si ácaso te ha sido grato, Mi alcorbem, damelo á ver; Si no lo he acertado, Avisame como cumpia Tu santisimo mandado." Pues en la segunda noche Estando muy reposado Durmiendo, oyó que decia La voz: "oye, siervo amado, Allegate á mi alcorben, En mi nombre soberano, Y lo pondré á cuenta tuya En lo mas adelantado De todas las criaturas Y te será especialado Gualardon muy singular Con el qual seras premiado." Ibráhim se despertó Y quando fué el dia claro Degolló una vaca y diola A los mas necesitados, Y dixó: "Rey de los cielos, Si acaso este mi holocausto Has recibido de mi, Seame por ti revelado En la noche venidera Por do yo quede saciado De mi ofrecido servicio, Y para lo que yo faito Lo enmiende sin faltar punto A lo que estoy obligado." Esto dixó, y quando vinó La noche tercera, y quando Mas sosegado dormia Lo mismo le está llamando. El se despertó al momento, Y habiendose levantado, Degolló un grueso carnero Y por el orden contado, Lo repartió á los mezquinos, Diciendo: "Rey soberano, Avisame como acierte Este alcorben encerrado." Pues quando la quarta noche, Llegó al punto relatado, Volvió la voz y le dixó: "Ibráhim, haz holocausto

En mi nombre, y te daré Un perdurable descanso." Ibráhim que ya despierto Estaba, y sobresaltado De los pasados avisos, Viendo que no habia acertado A lo quel Señor le pide En los servicios pasados; Dixó: "Señor poderoso, Sabes que he sacrificado Camellos, vacas, carneros, En tu nombre, y yo no hallo El camino por dó acierte El soñuelo deste blanco: Aclaramelo, Señor, Piadoso, honrrado, y sabio, Quen mi no hay saber ques esto Mas del saber que me has dado." Retronó la voz de Allah: "Lo que pido en holocausto Ibráhim no son camellos, Como tu has sacrificado, Mas sobre tu amado hijo Ese que tú has engendrado, Ese que mas que á ti quieres, Ese que duerme à tu lado Ese pido en sacrificio, Con ese quedo pagado De tus perfetos servicios Y corazon limpio y casto." ; O' desaboridos gustos! O' gustos desconcertados! O' Senor de los secretos I ¡ O' Rey poderoso y alto! A tus secretos juicios Quien hay quien le llegue al cabo! Desta manera regalas Un varon tan senalado, Quentre las gentes escoges Por amigo especialado: Ayer le denunció el angel Un gozo tan soberano, Y le diste un hijo solo Despues de viejo cansado Por regalo á su vejez, Cosa muy de amigo caro; Y al tiempo que mas contento Vive, quieto y sosegado, Y de tus grandes mercedes Satisfecho y muy pagado,

Y quando su amado hijo Le daba mayor regalo, Quando en la edad mas florida Estaba tierno y lozano, Le mandas que lo deguelle Luego con sus propias manos. ¡ O cosa jamas oida! Quen los juicios humanos Juzgaran ser deste hecho Mas que de amigo, contrario; Y que las obras de Bráhim Es cierto que se trocaron En descuidados servicios De su Señor olvidado. ¡ O' trascendencias humanas, Juicios torpes y baxos, Consideraciones tristes Que no os levantais mas alto! Quan lexos sois del compas, Como os apartais del blanco Dó tira el Piadoso Rey Con su amor, gracia y amparo! Consideren los mortales Que no puede haber descanso Perdurable, aunque sea Granjeado con trabajos. i O piadoso y gran Señor, Si acaso dan desos lazos¹ Nuestros baxos pensamientos, Mira que somos criados De materia do se encierran Quatro grandes adversarios; Y no es mucho que desbarre Nuestro fragil ser liviano, En tan ocultos misterios, Como al presente voy contando. Pues quando ya el buen Bráhim Viò patente el desengaño De lo que las quatro noches Habia sido revelado; Imagine un buen sentido, Un pecho sincero y blando, En un tan hirviente amor Un tan preciso mandado. No pudiendo reposar, Maginando y sollozando, Deshecho en lagrimas vivas Tomó á su hijo en sus brazos:

En la frente lo besaba, Entre los ojos y labios, Y con lagrimas ardientes Toda su cara banando, No le dexaba dormir, Siempre lo tenia apretado A sus pechos, quel amor No le daba mas espacio, Aunque lo disimulaba; Por que tenia à su lado A Hechara la piadosa Madre dél que está besando; Por no darle con tal nueva, Tan grande pena y quebranto. No pudó ser tan secreto Que no lo sintiese, y quando Vio tan grande sentimiento Y un amor tan demasiado, Dixó á Bráhim: "ques esto Que tan desasosegado Te siento toda esta noche, Que no duermes sollozando, Y á Ismael, mi caro hijo Lo tienes tan fatigado Que no lo dexas dormir, Ques la causa deste caso?" "No es otra cosa, responde Ibrahim disimulado, Si no que remueve y crece Este amor tan levantado Cada momento en mi hijo: No puedo disimulario. Pues quando amanezca el dia, Advierte esto que te encargo, Adrezarás a mi hijo Con adrezos muy preciados: Ropas limpias y olorosas, Nuevas y de paño blanco, Y lavarle-has la cabeza Con olores almizcados: Yo lo llevaré conmigo Donde haga el holocausto." Esto dixó el buen Bráhim, Dando fin á lo hablado: Con un profundo sospiro; Casi el corazon arrancado, Y como su gran conduelma Le desasosiega tanto,

Qual la madre que le quitan El hijo de su regazo, Quel mundo es lugar pequeño Para su pecho inflamado. Asi deste modo estaba Este justo agonizando, Bobre su cama no coje, Como es lugar de regalo; Y asi se levanta y luego Sobre la tierra azaxdado, Dixó estas breves razones A su Señor invocando: ¡ O Señor, tú que criaste Con tu poderosa mano Mi corazon de esta carne Que repugna tu mandado, Suplico á tu alta bondad Permitas sean compasados Todos mis cinco sentidos, Sin que haya contrario bando; Que hagan un bulto todos A ti solo encaminado, Y tu gran misericordia Decrete en un ser tan santo Que mi flaqueza convenga A tu soberano aplasmo." Mientras Bráhim andaba Con su Señor razonando, La Real princesa andaba Cumpliendo lo encomendado: Despertó al mancebo tierno Con muchos besos y abrazos, Y le lavó la cabeza Como le fué encomendado Con olorisimas aguas

Convinientes a tal caso, Alcanfor y mespolera Echó en ella, quera usado Aquel tiempo estos especies En los oleos sagrados; Y como el buen hijo viese Aquel tan nuevo aparato, Le dixó "¡ó amada madre Ques esto que me has lavado Mi cabeza con las aguas Que lavan á los finados!" Respondió la gran Princesa: " Hijo, asi me lo ha mandado Tu padre, y pues él lo manda Es justo lo obedezcamos." Quando Ismael fué vestido Con los adrezos nombrados. Del sol quitaba la lumbre Su rostro glorificado. Entre tanto tomó Bráhim Un puñal disimulado, Quen un arca lo tenia Agudo y muy amolado, Y pusoselo en la cinta En su siniestro costado. Dixó Hechara: " ya Bráhim, Toma provision y quando Mi hijo tuviere hambre, Darle has coma un bocado, Y darle has de beber Quando lo veas desecado; Y quando el dolor le aquexe Con este cendal preciado, Le cubriras la cabeza Y el Señor sea en vuestro amparo."

CANTO QUINTO DE LA YSTORIA TERCERA DE BRAHIM ALEHISALEM.

Con el debido aparato
Que á su jornada convino,
Al Señor encomendado,
Y habiendose despedido
De Hechara la piadosa,
Como atras habemos dicho;
Con su hijo de la mano,
Floreciente, hermoso y lindo,
Camina el justo Bráhim
A cumplir su sacrificio.
Lastimado va el buen viejo,

Considerando en su hijo
Los bellos miembros tan tiernos,
En el tiempo mas florido,
Su cara resplandeciente
Con la luz del escogido;
Y por que en su propias manos
Habia de ser homicido,
Y por que no le quedaba
Otro ningun hijo vivo.
Estas consideraciones
Lo llevan tan aflijido,

Quel corazon se le arranca Con mil profundos sospiros, Y para questas congoxas No le apreten tan contino, Y aquella pella de acibar Mezcia con algun alivio Quiso el Señor enseñarle Un misterio en su camino; Y quando mas descuidado De semejante prodigio, Abrenie las siete tierras Sus centros mas escondidos, Por do pudó ver Ibráhim Los mas profundos abismos Sobre las cuestas de un pez, Y aquel asentado y fixo Sobre las cuestas de un toro. Alargó la vista y vidó El toro sobre los ayres, Y todo lo sobre dicho Sobre una laguna de agua, Cosa que aboba el sentido. De aqui consideró Bráhim El supremo poderio, Y como no hay á sus hechos Rastro, camino ni tino; Quedando de toda duda Satishecho y destorcido, Firme, seguro y costante En su holocausto emprendido. Andando de esta manera Como láxaitan maldito Siempre há sido declarado Al hombre por enemigo, Y su intento es deshacer Lo que aplace al Rey divino; **Fara estorbar este** hecho Con sus embustes malinos, Se le presento en figura De un viejo cano y le dixo: "A donde llevas Ibráhim **K** degollar á tu hijo? Mira queres engañado Del Ibliz y su artificio, Y no es mandado de Dios Lo que en tus sueños has visto." Ibráhim que conoció La razon del perro inico: "Aparta de mi, le dice,

Apedreado enemigo, Que no serás poderoso Para estorbar mi designio." Con esto se fué el traidor Menospreciado y corrido, Como vió que fué envacio) 1 Su traza falsa y traidora: Y luego, sin partir mano, A Ismael se ha parecido, Diciendo como te lleva Tu padre con tal distino, A degollarte mancebo, Engañado y decebido?" Dixó Ismael: "no hubo padre Que degollase á su hijo, Sin derecho de justicia: No lleva razon tu dicho." Replicó el Ebliz; ó mancebo! Dice tu padre que ha sido Quatro noches avisado, Para lo que en sacrificio Te deguelle ; ó triste joven! Solo en verte me lastimo." Respondible el bueu mancebo: "Pues si el Señor se lo ha dicho, Justo es que mi padre cumpla Precepto tan justo y digno; Y pues con mi se contenta Yo lo apruevo y lo confirmo." Apartóse el axaitam, Como viò que fué en vacio Su traza falsa y traidora. Ismael con gran sentido Lioraba por las razones Quel falso viejo le dixó, Y mirando á él su buen padre Le pregunta ; que has tenido Que lloras, dime que tienes, Consuelo de mis sospiros: Dice Ismael ; " ó mi padre Aquel viejo me ha advertido Que me llevas á matar Y aquesto me ha entristecido." "Enxuga tus tristes ojos, Hijo que cierto ha mentido El falso viejo: no llores, Yo soy tu guarda y tu abrigo." Consolose el buen Ismael; Luego el Ebliz sobrevinó,

Vuelto en figura de un ave Y con las uñas y el pico Esbolutrando¹ sus plumas Con semblante entristecido, Diciendo: "ó triste mancebo! A tal desdicha traido Que has de morir degollado Por el padre que te hizo!" : O'ave! dixó Ismael Por ventura nunca has visto Padre que á su hijo mate Sin merecer el castigo." Replico el ave maldita: "Sabe que tu padre ha dicho Que se lo mandó el Señor." "Pues si eso es ansi, yo digo Que soy muy contento dello, Y por merced lo recibo." Y vuelto á su amado padre, Le dice: "ya habras oido Lo que nos propuso el viejo Y esta ave dice lo mesmo." "Sabe, hijo, que en las aves Hay gran secreto escondido, Que hay falsas como en las gentes Que ya Dios ansi lo quisó." El enemigo de Alláh Quen los pasados enristros Cayo por tierra su astucia, Su fuerza y poder rendido, En lo mas alto del monte La quarta vez ha emprendido A tender sus falsos lazos, Pensando acertar el tiro; Y á modo de eco decia Puesto en el monte escondido: ; O' triste de ti mancebo! ; O' joven tíerno y mezquino! Como seras degollado Hoy en este punto mismo, Y derramaras tu sangre En este monte do has sido Traido á tu sepoltura, Do quedarás ascondido, Y no verás á tu madre Hata el dia del juicio:" Izmael muy lastimado, Viendose ya acoseguido Y casi escandalizado

De aquellos falsos avisos, Dixó à su padre llorando: O mi buen padre! si ha sido Falso lo que dixo el viejo, El ave no habrá mentido Y si es quel ave mintió En las razones que dixo, Como mentirán los montes Que son constantes y fixos?" En esto ya iban llegando Al cabo de su camino, Sobre la cumbre del monte Y como arriba se vido, Casi vomitando el alma A vuelta de mil sospiros, El muy lastimado padre Asi responde à su hijo: "Has de saber, hijo amado, Que quatro noches me ha sido En mi sueno revelado Un llamador que me dixo: Que Alláh el alto y poderoso Quiere, manda y es servido, Quen su alcorben te deguelle Y quel dia del juicio Adelantará este hecho Sobre los que son y han sido. Mira tú, que te parece Que haga en este partido, De manera que no falte A lo que me está pedido." Quando el hermoso mancebo Que tuvo atento el oido, Viò patente el desengano Del cuidado con que vinó, Apretósele el temor De la muerte, que aunque quiso Esforzar su edad tan tierna, Al fin es muchacho y niño. Mirando á su viejo padre, Le dice: "padre querido, Por que no me lo advertias Y hubierame despidido De mi madre, la piadosa, Y della hubiera recibido La postrera bendicion En este presente siglo? Hubieramele humillado Y mi cabeza metido

¹ Esbolotraba, P.



Debaxo sus pies, pidiendo Perdon, si le habia ofendido; Alcanzara su Salem, Antes de haberme partido Mi alma deste mi cuerpo, Y a mi seria grande alivio." "Nunca te osé decir nada, Temiendo lo hubieras dicho A tu madre, que sin duda Luego me lo hubiera impedido La venida, por do hubiera Faltado yo en mi servicio." "Cumple, buen padre, el mandado Del Señor engrandecido," Dixó Ismael, "obedece Ese precepto divino, Que yo contento y pagado Obedezco el sacrificio: Y pues al piadoso Señor Con esta miseria sirvo, Allegate, padre amado, Ante mi, si eres servido, Daré paz entre tus ojos; Y pues que ya me despido De su vista, seran ellos Los verdaderos testigos, Como, paciente cordero El humilde cuello inclino Al sacrificio en tus manos, Al Señor en su servicio. Suplicote, amado padre, Pues no hay que dar desvio En este caso presente, Muestra tu valor altivo, Y tu corazon tan tierno Esté duro empedernido, Desnudado de piadad, Qual si no fuera tu hijo; Que dó la piedad no cabe Al piadoso, es enemigo. Ata mis manos primero Con un nudo fuerte y fixo, Para que no se desmanden Quando apretes el cuchillo: Ten cuenta, padre piadoso, No se tinten tus vestidos Con las gotas de mi sangre, Por que te seran teñidos. Rezentará¹ cada hora

Este paso entristecido, Y si mi madre los ve Advierte, padre querido, Que recibirá cada hora Crudo acibar de contino; Consolarias, padre amado, Y de mi parte suplico Que le des el asalem; Y pues Alláh lo ha querido Darle un hijo con el qual Se contenta y es servido, Dale gracias quen su vientre Tal fruto se ha concebido. ¡ O' mi buen padre! yo temo Que al tiempo quel crudo hilo Atraviese mi garganta, Con los amargos gemidos Se descompongan mis lados, Y te den algun fastidio; Que al fin son de tierna carne, De fragil metal vestidos, Y con esto sea manchado Este mi hecho subido. O padre, no te acongoxes, Preta en el puño el cuchillo, Por que con mas brevedad Haga el oficio debido: No tengas piadad de mi, Y si acaso te lastimo, Cubre mi cara y mis ojos Con la toca que he traido: Y quando yo fuere muerto, Sepulta mi cuerpo frio, Y mira que me amortajes Con estos vestidos mismos, Y esta aljuba que me puso Mi madre, quando partimos; Se la vuelve ante sus ojos Que le cause algun alivio, Y le sirva de consuelo En la ausencia de su hijo." Viendo Bráhim la constancia, Y un ser tan sincero y limpio En aquella edad tan tierna, Y aquel animoso brio Con que su hijo se esfuerza Al presentado martirio; Por una parte miraba Aquel agudo cuchillo,

1 Renovará.

Con que há de cortar las venas
De aquel innocente niño,
Que sus entrañas le razgan
Aquellos cortantes hilos;
Por otra parte le anima
El conuerto¹ de su hijo
Con que á la muerte se apresta,
Sin dolerse de si mismo.
Y ansi, sin mas dilatarlo
Se apareja á lo ofrecido,
Sentó su fardaje en tierra,
Quera una ropa de rizo

Y un vellon de piel de gamo,
Dentro del qual de contino
Llevaba la provision,
Visitando sus exídos.
Y hizó sus reverencias
De zalá para principio;
Aguardó quel sol alumbre
Todo el mundo, ya esparcidos
Sus muy relumbrantes rayos,
Para que fuesen testigos
De su hecho, y ante Alláh
Estando azaxdado, dixó.

ORACION.

Alabente, gran Señor, Tus angelicos espiritus, Y tus altas yerarquias Con sus entonados hymnos, Que jamas dieron trabes Tus hechos altos y limpios, Ni se adelanto tu saña Jamas á ningun nacido. Mas segura es tu promesa Que tus alarjes los fitos, Nunca tardó tu socorro, Siempre tu grande amorio Nos acompaña, y tu gracia Descolgada de contino Está entre tus halecados En mirar nuestros destinos. No hay ningun por qué ni como A tus secretos juicios: Todo es seguro y estable, Todo inmovible y finito. Señor, yo estoy en el punto De lo que tú eres servido: Suplico á tu gran bondad Me alumbres, que sea cumplido Mi fecho sin denostanza, Y á tu voluntad propicio, No por mis azaxdamientos, Sino por el amorio Que adelantaste á nosotros Y aquel arrahmoso amplio Que decendiste sobre Edam; Y por el gran beneficio Que asignaste sobre Noh

Por su hecho tan subido; Y por los debidos deudos Que nos has adeudecido; Recibe, Rey piadoso, Este alcorben dirijido A tu divina obidencia Con la fe que va ofrecido. Y tú sol y blanca luna Con todos los serafines De los alarjicos tronos Serán desto los testigos; Y á ti serafin hermoso, Fiel Chebril, te ruego y pido Que seas allohador Deste hecho que acosigo A la divina obidiencia Del Señor engrandecido.

Acabada la oracion, Tomó al mancebo escogido Y echolo sobre la tierra Y luego apresta el cuchillo Sobre la tierna garganta Con un valor muy crecido Diciendo: bismi yllahi, Alláh hu aqbar, ye adimu! En este punto tembiaron Las tierras con sus abismos, Y tremolaron los cielos, Las mares, fuentes y rios; Los almalaques lloraban De gran lastima movidos, Los delfines espantados Allá en su centro escondidos,

¹ Concierto.

Las aves iban chirlando, Las fieras daban aullidos; Los axaitanes huian Afrentados y corridos, Viendo el grande sufrimiento, Y de que no habian podido Estorbar la obra perfecta Con sus falsos maleficios. Que haria el justo padre Quando à su hijo tendido Lo tuvo, y el punal tenia Mas diligente que tibio? Quatro congoxas á una, Segun el divino escrito, Le apretan el corazon, Mas que cera enternecido; Que cada qual por su parte Era bastante à rendillo; Sino estuviera sobrél La mano dél que lo hizó. La una es ver que deguella A su unigenito hijo. Sin macula de porque Que lo hubiese merecido: La otra, el amargo trago De los acerados filos, De aquel sentir, quando pasen Aquel inocente niño: La tercera, que le aquexa El sentimiento excesivo De su madre, quando entienda La muerte de su querido: La quarta es ver que no puede Dar a su hijo desvio De aquel mandamiento eterno Que por fuerza ha de cumplirlo. i Brava lucha de contrarios Tuvó este siervo bendito, Y al fin con su gran constancia Todos quedaron rendidos! Pasa con furia el puñal Una vez, y no ha podido Cortar el delgado cuero Del cuello tierno y rendido; Y fué que los almalaques

Embozaron el cuchillo, Dando al Señor piadoso Grandes vozes y apellidos: O' Señor, que ante tus ojos, Estan estos dos amigos, Quentre todas las naciones Han sido por ti escogidos! Ten misericordia dellos, Pues ya tienes conocido Su intento, habe piadad Del mancebo tierno y niño." Dixó Alláh á sus almalaques; "Todo lo veo y lo asigno, Si me pedirán socorro En su aflijido conflicto Yo los libraré, que soy Sobre todos piadosisimo." Volvio segunda vegada Y aunque con rigor crecido Apretó el puñal Ibráhim, El golpe quedó en vacio. Dixó Ismael; "O' mi padre! "Do está tu valor altivo Que tan trocado lo veo De aquello que siempre ha sido? Despide el cobarde miedo Y si se embotan los hilos Del puñal, hiere de punta: Apreta el brazo temido Que atraviese mi garganta Sin ser a piadad movido; Acelera el mandamiento, Da pesar á tu enemigo El axaitam, que te impide Intento tan santo y pio." Prueba Bráhim de aquel modo Con fuerza, mas aunque quis Trávesar la aguda punta, Pensando cortar el hilo, Y acabar en aquel golpe Su gueso, mas no ha podido Herille, ni sacar sangre, Y en el punto questo vidó, Ismael arrodillado, Estas palabras ha dicho.

ROGATIVA.

¡O mi Señor! tú que vives En el siglo de los siglos, Sin darte enojo ni pena Tus alarjes ni alcorcies,¹

1 کرسی پ tronos de la Divina Magestad.

Apiada mi niñez Y mi infancia y mocedad, Tambien á la ancianidad De mi padre y vejez: Da de mi fecho esta vez Tal salida y muy buen corte Para descanso y conorte¹ Pues eres justo juez; Pues solo con tu querer Seré libre de afliccion, Claro sabes mi intencion, Lo que soy y puedo ser: Habe piadad de las canas De mi padre el aflijido; No menosprecies mi hecho De manera quel maldito Axaitan tenga vitoria, Y yo quede descaido: Que tú eres el poderoso Vencedor, nunca vencide."

Acabada su oracion Con animo nunca visto Volvió à inclinar el cuello: "Delibera padre," dixó. Probó la quarta jornada. A herir, y fué impidido Por que le detuvó el brazo El fiel Chebril, descendido Por mandado del Rey alto, Y él que traia consigo Un carnero hermoso y grueso, Criado en el parayso, Del Firdauz, el mas alto De todos los paraysos. Tomóle Chebril del brazo Y dixóle: "buen amigo Dexa el mancebo glorioso, Librale que ya es cumplido Su alcorben, y en su rescate Toma ese carnero escogido Por manos de tu Señor: **Y** este será el sacrificio. Que de ti ya está contento Y de tu hijo asi mismo." Muy contento el buen Ibráhim, Desató su amado hijo, Y degolló aquel carnero, Quel fiel Chebril ha traido,

¹ Consuelo.

Y comieron de su carne; De donde tomó principio El prez de las adaheas,³ Asunado y referido Por nuestro honrrado annabi Y sus sihabes los limpios. Y descendiendo del monte, Toman apriesa el camino De la Ciudad, muy alegres De su caso sucedido. Ya toparon a su madre Que con cuidado ha salido A recebir á los dos; Y como venir los vido, Abrazó á su hijo Ismael Y lo besò en los carrillos; Y ellos le dieron la nueva De aquello que ha sucedido, De lo qual quedó espantada, Y aunque á su hijo consigo Lo tenia, siempre estuvó Con el recelo grandisimo: Jamas pudo asegurarse Hasta quel angel le dixò Que de su hijo saldrian Varones santos y limpios, Generaciones sin cuento, De donde seria nacido El gran caudillo Muhamad De los profetas el sillo: Por cuyo amor crió Alláh Las tierras, mares y rios, El cielo con sus lanternas, Angeles, plantas y signos. Con esto la gran princesa Se consoló y satisfizó, Loando al Señor del cielo Que tal bien le ha concedido; Y en memoria deste hecho, La ora de aquel cilicio Santificó el buen Ibráhim Con dos aracas contino De azala, que los creyentes Muchos las han mantenido, Aquel mesmo punto y hora, Que fué quando el sol salido Se esparce por todo el mundo Y es adoha su apellido;

2 ضحت dahiat, sacrificio.

Y por las quatro congojas Que al tiempo del sacrificio Se le juntaron á una, El buen patriarca hizó Quatro racas de azala, Mostrandose agradecido Al Señor que los libró De aquellos quatro castigos. Fué al punto de medio dia Quando estas racas hizó, Por que el alcorben duró Desde quel sol fué esparcido Hasta que estuvo en su cumbre; De donde tomó principio El alto azalá del dohar; Y nos quedó adeudecido Solo el dim de Muhamad Por su grande beneficio.

CUENTASE EN ESTE CANTO LA LINEA DE YZHAQ, PATRON DE LOS JUDIOS Y CRISTIANOS, Y EL ASIENTO DEL PUEBLO DE YZRAEL, Y LOS GRANDES HECHOS DE LOS ANABIES QUE DE AQUI PROCEDIERON HASTA YCE ALEHISALEM, Y LAS VENTAJAS QUE DE CADA UNO DE ELLOS HEREDAMOS QUE FUÉ EL PRINCIPAL MOTIVO DE HACER ESTE LIBRO, POR QUE HABIA MUCHOS YGNORANTES DELLOS.

Despues del gran sacrificio, Siendo ya muy vieja Sara, Y viviendo siempre, Bráhim En los limites de Arabia; Siendo de edad de cien años, Y Sara en noventa, estaba De concebir ningun hijo Del todo disfiuzada; Por que conforme á naturaleza, Era ya privilegiada, Esteril por todas partes Por su ancianidad cansada. Y como solo Alláh sabe Destos secretos la causa, Y él à si solo se entiende, Su saber à toda basta; Baxo Chebril, y le dixo Que se habia de hacer preñada De un hijo, y ello riendo Dixò como que burlaba, "Reir me hace tu dicho Con esa nueva embaxada. Y quien me viese parir Al cabo de mi jornada Y tener hijo á mis pechos, Siendo tan vieja y tan lacia." Dixó el angel: "ese nombre Llevará el hijo que paras, Risa será su apellido,

Y advierte, dueña preciada, Quen su gran genealogia Habrá gente justa y santa; Empero habrá gente inica, Torpe, perfida, yerrada,² Y ansi como tú has burlado De la divina palabra; Serán por Luzbel burlados Tu descendiente prosapia." Con esto se fué Chebril Y ella salió de su casa, En busca de su marido, Alegre y regocijada, Para pidir las albricias, Quel angel le denunciaba, Que Alláh le ofrecia un hijo Para regalo á su casa. Tenia Bráhim en sus brazos A Ismael que tanto amaba, Y respondió á su muger: ¡ Este viva³ ante mi cara ! Dando á entender que aquel solo Era el que mas estimaba, Y quel tener otro hijo Ya casi dificultaba. Cumplidge los nueve meses, Parió un hijo, y le llamaban Yzhaq: quiere decir risa Como el angel albriciaba.

medio dia.

² Y henrada, variante.

³ Estas tibia, variante.

Este Yzhaq fue el patron De los de Baniseraila, Que fué el pueblo de Isrrael, Gente de Dios muy honrrada. Este casó con Rebeca, Hebrea y de buena casta, La qual criado Batuel Presentó las arracadas: Tuvó por hijo á Yacub, Ques él que de una ventrada Se engendró con Esau, Y en el vientre pedenciaba Por qual naceria el primero; Pero este se adelantaba Al nacer, y tras de si Yacub asido á su planta, Al fin le quitó la suerte Del nacer por su arrogancia; Pero Yacub le quitó La bendicion y la gracia. Este Yacub fué hombre justo Y casó en Mesopotamia Con dos hijas de su tio Laban, y otras dos criadas, De suerte que fueron quatro Sus mugeres adotadas, 1 Donde tuvó doce hijos, Annabies de gran fama, Que hiereron doce linajes, Doce tribus, doce casas, De dó tomaron origen Estos de Baniseraila: A donde hubó muchos justos, Gente al Señor allegada, Y sobre quien fueron hechas Muchas mercedes y gracias. Tanbien como habemos dicho Decendió gente albarrana,² Sobre quien baxo castigos Maldiciones y desgracias: De aqui procedió Yusuf Que fué justo Patriarca, Muse, grande consejero, Trajó la ley de las tablas; Eron fue hermano de aquel,³ Que le ayudó á publicarlas.

Josué, el capitan famoso A quien la lid fué entregada; Deud con el azabor,• Carta por Alláh firmada; Sulaimen él del anillo Con el qual regia y mandaba; Daniel, el de los leones, Yunez, quél del pez se liama; Zacarias sacerdote, Yahie el de la vida santa, Joachim que fue Imerem Con quien fue casada Ana, Padre de Mariem la limpia, En el mundo especialada: De quien nació el justo Ice, A quien la gente cristiana Adoran en lugar de Dios, Ciega, torpe y engañada. Volvamos pues al origen A ver en que se empleaba: Diremos, aunque de paso Sus obras tan senaladas, Y tambien lo que la Suna Tomó de sus ybantajas Que sus obras de estos fueron Salvacion de nuestras almas. Izhaq, como tengo dicho, Fué el primer Patriarca De Isrrael, hijo segundo, De Bráhim nació y de Sara, Fué justo siervo de Alláh: Cada dia visitaba El sepulcro de su padre Tres veces, y veneraba El sepulcro de su padre, Aquel lugar con gran honrra Y salva reverenciada, Y el redoble de su esquilmo, De sus ganados la lana, A los pobres y acuitados En asadacaº los daba. Siempre tuvó con su hermano Ismael grande alianza, [honrra; Grande hermandad, grande Siempre vivieron en gracia. Yacob dedico al Señor

¹ Adoptadas, Paris MS.

los salmos.

estrangero.

³ Cruel, variante.

limosna. صدقة ٥

Quatro promesas muy raras, Que por Caebu alchaber Han sido muy alabadas: La primera harramó¹ Sus potages y viandas De comerlas, hasta tanto De haber hecho dos racas, Sobre aquella bendicion Que Allah le sustentaba: La segunda, no comia Hasta que la gente flaca Gustaba la provision Que para él era guisada: La tercera es que tenia Tantas misiones guardadas Comó los dias del año Con juro de no tocarlas, Aunque la necesidad A tal esmero² lo traiga: Con los quales mantenia La gente necesitada. La quarta es que prometió Que jamas seria negada El agua de sus aljubes A la gente desecada. ; O justo y grande annabi! No en balde se rociaban Tus campos verdes floridos! Te pudiera dar la palma Quien siguió tus grandes hechos Tus collados y manadas; Contra la fuerza de un angel Y una tan grande constancia. Este luchó con Chebril Que decendió en forma humana, Y asidos á braz partido, Duró su contienda brava Desde la ora de almagrib³ Hasta que fué el alba clara, Quedando Yacub en pie Ynvencible, y con gran fama; De dó pudo colegir Como á la nacion de Hagua No hay fortaleza que pueda Rendilla ni sujetalla. Este vió, estando durmiendo,

Desde sus pies una escala Que tocaba con el cielo Por dó subian y baxaban Angeles sin detallarse A donde durmiendo estaba. Este fué despues de Noh, Segun los nauhes declaran El que vió mayores hechos De todos los patriarcas. Yusuf dice el alcoran Que vió que se le azaxdaban En sueños el sol y luna Con once estrellas muy claras. Este es el que fué empozado, Vendido á gentes estrañas, Y despues en almoneda Vendido en publica plaza: Diez y siete años estuvó En carceles algaribas Por su beldad perseguido, Por su honrra limpia y casta. Este dicen que lloró En la carcel donde estaba, Por que no podia cumplir Aquel azala que usaba Por aquella hediondez Y aquella rudeza tanta, Y que para su guado Tambien le faltaba el agua: A lo qual baxó Chebril Y dijó: si el agua falta, "O yusuf! toma la tierra Limpia, y con ella te amaha." De aqui nuestra santa zuna Toma el modo y la traza Del prez del atayamun,º Libertad tan necesaria, De aqui puedes colegir Que jamas hubo desgracia, O' trabajo que no fuese Camino de mas ganancia. Este frequentó los ritos De Bráhim y su loanza, Como la circumcision, La quarta y diezma pagaba. Restauró los Ysrraelitas

prohibió. * Miseria, variante. * La puesta del sol. التيمّ ه Purificacion.

De aquellas fieras alaidas; Y asi el Señor lo ensalzó Sobre la gente Egipciana Pues vinó á señorearles A todos de banda á banda, Comprados como cautivos Sus personas y sus casas. Muse fue muy escogido, Pues mereció ya la habla Del Señor de toda cosa, Por su mansedumbre tanta; Y con su divina mano Le dió la ley de las tablas Sin intervencion de angel Que le dixese palabra. Este escogido profeta Hizo promesas muy altas, Por redimir á su pueblo De esclavitud tan pesada; Y asi los sacó de Egipto Por su gran perseveranza, *K* pesar de Faraon. Rey tirano é ydolatra; Y hallandose en el mar rojo, Hirió sobrél con su vara Doce golpes, que rompieron Hasta sus centros las aguas, Haciendose doce calles Derechas, enxutas y anchas, Por dó los doce linages De Isrrael al punto pasan. Y como llegó al desierto, Luego les baxó viandas, Con lo qual se sustentaron Todas aquellas compañas. Otras muy grandes proezas Hizó este justo en resguarda De la honrra y salvacion De los de Baniceraila: Y jamas fueron contentos, Gente ruda y muy ingrata, Desconocida, sin fe, De dó quedó interpretada La cisma de aquel becerro Que guardan los de su casta. Cuentase de este anabi Que saliendo una tardada, Huyendo de Faraon

el anocheoer.

Y de su indignada saña, Se cerrò la noche escura Y alli quatro fieras ansias Se le juntaron à una, Quel corazon le apretaban: La una el miedo del Key, La otra el de su compaña, Que tanto los oprimia Este mal Rey, y quedaban Entre ellos su madre triste, Ques lo que mas le aquexaba: La quarta la escuredad De la noche, que no osaba Andar atras ni adelante, No sabiendo que se haga. Y en medio esta confusion Hizó aquellas quatro Racas, Que hacemos los muslimes Y les llamamos alatema; Por estas quatro congoxas Que á un tiempo se le juntaban: De las quales fué guarido Y ellas fueron desviadas, Quen acabando de hacellas, Oyó la voz que le llama Del Señor, dandole esfuerzo Con el qual se consolaba. Yuhai² fué grande caudillo, A quien por Alláh fué dada La conquista que Moisen No pudo ver acabada. Este famoso caudillo, Dice la escriptura ebraica, Que siguiendo una vitoria, Viendo que ya declinaba El sol, y que no podia Aquella tarde acaballa, Yendo sobre su caballo Hacia las clines se abaja, Y arraqueo su cabeza Diciendo aquestas palabras: "O' Señor de las conquistas! Mis fuerzas cortas y flacas Aguardan tu poderio Sin el qual no pueden nada." No dixó mas y en el punto Que su cabeza levanta, Mandó Alláh quel sol se pare

Josue.

4

Hasta que fuese acabada La batalla por Josué, Llevando vitoria y palma. Este fué grande misterio; Grande merced, grande gracia, Que se detuviese el sol Por una rogaria humana. Con qué corazon tan limpio Con qué sinceras entrañas Debia decir este justo Aquellas breves palabras. Todo esto va encaminado A que Alláh nos dé enseñanza, Que á nuestra halecacion Todo se humilla y se acata. David, el real profeta, Tuvó grandes aventajas. Despues que venció à Golias, Siendo mozuelo sin barbas, Hizó una dedicación Muy solida y muy estraña, Que dedicó á su Señor Dos aracas ordinarias, Al punto quel sol salia, Y quando se declinaba, Cosa de gran vigilanza, Que no habia tiempo seguro En las salidas y entradas De la luna noche y dia, A todas las horas llama, Muchas mas dedicaciones Hizó de grande importancia, Y todas las sustento Sin ninguna discrepancia. Y despues de su rescalo Fué su penitencia tanta Que sobrepujó á la edad Y nunca se dilataba, Si Chebril no le dixera Que parese en alcafara. Despues hizó ante el Señor, Tan perfectas alabanzas, Que han servido de dechado Del mundo aquellas pigramas. Quareinta años duró Su penitencia tan aspera, A mas de quareinta dias Que creció su grande alaida.

¹ Pecado.

Vinó su real presencia A ser tan debilitada, Quel bulto de su persona Casi se distiguraba. De aqui nos queda el amaho De las limpias alcafaras Y buenas apenitencias, Pobladoras del alchana. ; O' justo y real profeta, Quanto provecho y ganancia Resueltó de tu distino, Y quantas eternas llagas Con la tuya se han curado, Y aun han lavado sus manchas! Quantos á la horrible pena Tienen vueltas las espaldas, Que hubieran quedado enmedio Si dexaran tu imitanza! No en vano te dió el Señor De tu aspereza tal paga; Que no solo tu rescalo Y tus homicidas faltas Perdono, mas quiso hacerto Otras mercedes tan anchas, Que de tu mismo rescalo, De tu carnal distinanza, Naciese el gran Sulaimen. Errada bien acertada, Bien aventurado Rey; Torpeza bien empleada Que engendro tal criatura Tan pura, tan justa y santa. Sulaimen, hijo de David, Fué Rey despiendidas gracias, Pues de los cielos abaxó Mandaba y senoreaba, Personas, alxines² y aves Vientos nubes y alimañas, Y á todas las cosas tuvo Saber para gobernalias. Cuya sujecion pendia De una sortija do estaba En triangulo esculpida Sus palabras de alabanza, Alhamdu lillahi decia, Y en la tercera estampada Estaba Alláh hu aqbar, Escritas en lengua Ebraica:

espiritus.

Con quien sus Reynos regia En paz quieta y sosegada. Deste gran Rey Sulaimen Cuenta el annabi Muhamad Que fué tan sin igual su Keyno, Y tan sin par fué su gracia, Tanta su sabiduria, Su riquesa tan sobrada, Que se hermanó con el mundo Hizó con el su alianza, Ques gran reclamo de pompas Y de ambiciones hinchadas; Y como nunca el Señor De tales cosas se apaga · Y quiere que conozcamos De sus arrizques, manana Fué servido de quitarle El Reyno con que se honrraba, Y darle en lugar de aquel Probeza menguada y baxa. Solia este Rey quitarse El anillo quando entraba A servir á su Señor Y á una doncella lo daba Que se lo guardase en tanto Que á su Señor se allegaba. Y como tenia sujeta Aquella fiera canalla De los falsos axaitanes, Lo quellos abominaban, Siempre andaban revolviendo Mil enrredos y mil trazas, Por do poderse librar De subjection tan pesada: Uno destos enemigos Que Hariço se llamaba, Engaño aquella Doncella Quel anillo tenia en guarda, Pidóle que se lo diese Y en la mar mas apretada Lo hundió, y le tragó un pez; Y al tiempo quel Rey demanda Su sortija á la doncella, Respondió con voz turbada Que ya se lo habia dado, Y dixóle las palabras Con que se lo habia dado, Quera el termino que usaba,

Y con los mismos vestidos Que su persona arreaba. Luego el buen Rey conocio Que sobrel era la saña De su Señor y que aquella Sin duda era reprobanza. Estuvó ansi y en el punto Que fué la noche llegada Se quitó el Real vestido Y con unas ropas baxas, Con un baculo en sus manos Dando al Señor alabanzas Se salió de su palacio Gimiendo sus culpas tantas. Anduvò asi como pobre Por tierras muy arredradas Menoscabado y corrido, Su persona avergonzada; Vino a tan grande pobreza, Y á ser tan menospreciada Su persona, que los pobres De andar con el se apartaban Diciendo que por el solo Limosna nadi les daba. Quareinta dias y noches Ando sın gustar vianda Sustentando su persona De la gracia soberana, Hasta que Allah fué servido Quen esta peregrinanza Le dió el Senor en riqueza Una muger ydolatra Hija del Rey, que á pesar De su padre fué casada, Y la batio del palacio Desnuda y muy afrentada: Hallaronse los dos juntos Junto al mar donde pescaban Unos pobres pescadores, Y les dieron en asadaca¹ Dos pezes y en el menor Halló su Joya preciada; Y besando aquellas letras Que el anillo rodeaban, Dando gracias ád Allah Que á su dedo lo tornaba; Y en aquel mismo momento Todas las cosas criadas

¹ Limosna.

Le prestaban obidencia Como de antes se la daban, Y descendiendo una nube Se ponen y en ella marchan El y su amada muger A su ciudad deseada. Despues desto baxó el angel Con que su Señor le manda Edifique aquel gran templo Que se llama casa Santa, Digo baitu almaqdiz,¹ Obra insigne y muy preciada, A quien todas las Naciones Veneran, honrran y acatan. Daniel fué justo profeta, Fué el que liberto á su saña, Quando estuvó en Babilonia, Cautivo por Bultunasar. Este fué aquel Rey Dario, A peticion de sus satrapas, Le pusó en un fiero silo, Entre siete fieras bravas, Quen tres dias no les dieron De comer, por que su rabia La saciasen en Daniel; Mas él como confiaba En el poder de su Dios, Con grande consuelo baxa Al lago de los leones: Con grande amor se le halagan. Dia y medio estuvo alli, Y quando fué á la mañana, Fueron el Rey y su gente, Aquellos que le acusaban; Pensando hallario comido, Muy alegre se mostraba. Como el Rey llegó á la cueva Del silo à vozes le liama, Diciendo con gran dolor, Por que en estremo le amaba: A Daniel a ha-te librado Tu Dios, en quien confiabas? Luego respondió Daniel ¡ O' Rey! vivas vida larga, Vivo estoy, sano y entero, Sin cosa que mal me haga. Mi Dios en quien yo confio, Viendo sin culpa mi causa,

Mandó descendiese un angel Y pusó su grande amparo, Y detuvó á los leones Con su divina palabra. El Rey con grande contento Lo sacó, y con muy gran saña A los satrapas malditos Dentro del silo los lanza, Con que saciaron su hambre Las sangrientas alimañas. Fué este hecho tan notable Y tan publica esta hazaña, Y tan grande este milagro Que les dió á su compaña² Y á los demas de su Reyno Luego les escribe y manda Que ádorasen al Señor A quien Daniel adoraba. Otra vez por el Rey Ciro De Media, con furia y saña, Lo lanzaron en el lago Donde estuvo una semana, Con siete leones fieros, Y la boca bien cerrada. Allah mando que Bacub El almuerzo que llevaba A sus peones lo lleve, Y en solo alzar las pestañas Atravesó tantas leguas, Por que el angel lo llevaba; Y en llegando al fiero silo Luego les dió la vianda, Y el se volvió á sus peones, Sin perder solo una dara De tiempo; y quando vinieron El Rey y su gente mala A ver si era comido, El justo Daniel levanta La piedra de la ancha boca, Y vieronle como estaba, Dando pan á los leones Como si él se los criara. El Rey, muy contento desto, Al buen Daniel luego abraza, Y á los que le persiguieron Los da á las alimañas, Do fueron despedazados, Sin quedarles cosa sana;

¹ بيت المقدّس ² Variante, que Dario y su compasía.

3 Abacuc, P.

Que á las vezes la cautela A su propio dueño engaña. Este annabi nos enseña La fe firme, y confianza En Alláh, quantos trabajos Consume, rinde y acaba. Confiemos en Allah, Nadi pierda confianza; En los mayores peligros Alli es mas cierta su rahma. Yunez nos muestra lo mismo Por que su desconfianza Bastó á quitar el sosiego Del mar y sus fieras aguas, Por donde hubó de arrojarse, Y al tiempo que se arrojaba Al agua, viò la ballena Que boca abierta le aguarda: Y quando se vidó dentro, Conoció su grande falta. Alli demandò perdon, Alli sospira, y reclama La piadad de su Señor, Viendo el estrecho en que estaba. Alli se le presentaron Quatro lobregas amparas Que de qualquiera de aquellas Tremola el cuerpo y el alma: La escuredad de su culpa; La escuredad de las aguas; La escuredad de la noche, Y la del vientre en que estaba. Baxó la palabra inmensa Sobre la langosta brava, Mandando que lo guardase Como sus propias entrañas. Quisó Alláh que al tercero dia Lo vomitase, y lo saca De su vientre à tierra firme; Y fue quando ya pasadas Eran del dia tres partes Y viendose en suya¹ salva, Fuera de tan gran peligro, Hizó azala, quatro Racas, Por las quatro escuredades Que vió dentro de las aguas; Por que Alláh lo liberto Dellas con tanta bonanza.

Estas son por nuestro dim A nosotros preceptadas, Y son las que celebramos Al tiempo y ora de alasar. Yahie fué santificado Y su licencia fincada Por la mano del Señor. Como el alcoram declara. Este fué el que en su niñez Desamparo la fragancia Del mundo, y dexó á sus padres, Y se pusó en vida santa: Andabase por los montes Con las fieras alimañas, Desnudo al ayre y al yelo, Su cara abierta y tostada; Comiendo las yerbas crudas Y bebiendo aguas saladas; Durmiendo siempre al sereno, 3 Sin temer la fiera escarcha. Era ya tan conocido De las aves, que asentaban Encima de su cabeza; Las alimañas andaban Siempre en compaña suya Qual si fueran de su casta. Fuéle á visitar su madre Isabel, muy congoxada De verle como silvestre, Su cara desfigurada, Sus carnes sin cobertura, Tenidas y trasfustadas, Sus pies descalzos rompidos De las espinas y yeladas; Y en vez de le dar contento Y de volver á su casa, Como ella se lo pidia, Derramando ardientes lagrimas, Le dixo: "amada madre! Ya sabes quen tu compana He pasado mi niñez, Obidiente á tus palabras, Agora que ya soy hombre Seguiré mi caulebanza Ques servir á mi Hacedor, Que no puedo hacerle falta." De aquí nuestra Santa Suna Toma origen, y nos manda

¹ Yunas en salvo, P.

عصر د

³ Al frio al yelo, variante.

Que tuviendo edad sigamos La comanda preceptaria. Ise fué él que le llamaron Almahiz por que sanava Tocando qualquier herida, Y con su mano amahaba Qualquiera cosa contricta, Coxos y mancos curaba, Tullidos y contagiosos, Y á los que de gota estaban; A los ciegos dába vista K los mudos daba habia, A los sordos el oir, Los muertos resucitaba; Hacia aves de barro, Y con su aliento volaban, Espelia los demonios De donde quiera que estaban: Y todos estos milagros Que con la divina gracia Hizo por su fe crecida, Y no le aprovechó nada; Antes fueron confusiones, Por que la gente, turbada De tan grandes maravillas, Negaron al que le daba El ser con que los hacia; Y al mensagero, adoraban Tomandolo por Señor

Incitados de la traza Del maldito Lucifer, De dó quedo cimentada La confusa trinidad, Ceguedad jamas pensada. Y quando Ise entendio Que por Señor le adoraban, Haciendole trinidad, Cosa dél tan apartada, Fue à la ora quel sol se ponia Quando esto le denunciaban, Y defendiendose dello Hizo ad Allah tres arracas, Aquellas que son de almagrib Que hoy los muzlimes guardan Negando las dos personas Que á su Señor le aplicaban, Y afirmando la unidad Sin ponerle semejanza: Al fin Alláh lo enxalzó Dentre esta gente engañada Quedando escuros, sin fe, Sin salvacion y sin gracia. En este santo annabi Hicieron parada y raya Los profetas y annabies Los alquitebes y cartas Que sobre los de Isrrael Fueron del cielo baxadas.

ISTORIA QUARTA DEL DISCURSO DE LA LUZ DE MUHAMAD SALAM: ACABASE DE DECLARAR EL ASIENTO DE LOS DOS PUEBLOS DE ISRRAEL Y DE ARABIA. LA REVELACION DE ALHADIR PASA A LA VARONIA DE LA LUZ HASTA HEXIM, BISA-GUELO DE NUESTRO ANNABI MUHAMAD SALAM.

Ysmael él del sacrificio,
De Brahím el mayorazgo,
Nieto del gran Rey Agar,
Por la luz especialado,
Fué varon justo y sagaz,
Robusto, fuerte y osado;
Muy diestro en los exercicos
De los militares campos.
Este casó en Aliaman
Con muger noble y de estado,
Casta, rica y de gran prez;
Fué rico y de muchos algos,

Y con muy grandes pleyadas
De camellos y ganados;
Y mentó mucho a su Dios
En ser limosnero y franco:
Hospedaba peregrinos,
Socorria al acuitado;
Consolaba al afligido,
Acompañaba á los flacos.
Usaba ordinariamente
En los caminos y atajos
Por do la gente pasaba,
Tener ganado aprestado,

Y él iba con provision; Y en el camino asentado Aguardaba á los pastores, Y con caricioso amaho Les daba del pan y leche Con grande gusto y regalo. Y asi en su ausencia mandaba A sus mozos y criados Con todos los pasajeros Tengan el mismo cuidado. Fué padre de doce hijos Principes nobles y honrados, De los quales fué escogido Para el alto principado De la luz, el justo Zebid, Varon justo y muy honrrado. Mandóle su padre Ismael, Luego como fué casado, Quel y su genealogia Habitasen de ordinario Dentro de Maca y su tierra; Por que su linaje claro Era escogido en las gentes Para aquel sitio nombrado; Prometido al gran Muhamad Y los que siguen su bando. En quien los dos linajes Donde y como se apartaron Segun estampados fueron En el pergamino o paño Que Edam entregó á su hijo, Por su Señor encargado. Izhaq, como tengo dicho, Dió cimiento al pueblo Ebraico; Con todos sus descendientes, Por su padre encomendado Que poblase del Jordan Aquel territorio ó patio En donde perpetuamente Residieron y poblaron. Ismael quedó en Arabia, Como ahora ymos contando, Siguiendo la varonia De aquel linaje enxalzado: Que bien paga Dios las obras De aquellos que se emplearon

En su divino servicio, Y por su amor trabajaron. ¡ Que bien que lo satifizó Las angustias y trabajos! Ibráhim, como le oyeron, Siervo bien aventurado, Que mereció ser patron De dos pueblos tan honrrados, De linajes los mejores Que jamas fueron criados! Por la honrra de Izhaq De ordinario encaminaron Las justas dedicaciones, Que todo está en el Ebraico, Por la de Ismael corriendo El documental espandio Y regla espiritual Con grandes preces y amahos Que todo nace y deciende De nuestro alcoran honrrado. Y por no causar fastidio, Seran en breve contados Los varones que esta luz Hasta Abdulmunef llevaron; Que puesto caso que entonces Hubó hechos muy granados, Dignos de gran alabanza, Segun los ya recitados; Decimos de solo aquellos Que hacen mas á nuestro caso. Y lo demas de uno á otro Los yremos señalando. Ya tengo dicho que Zebid Heredó este don preciado. De su padre, el buen Ismael, Eslitó¹ en sus doce hermanos. El lo encomendó á Quebil² De dó Zelih³ le hizo paso, Muhebid siguió tras deste; Emin⁵ fué dél engendrado Y Laguan le sucedio, De este á Zaret fué mudado. Munir' le siguio tras este Hamir⁸ siguió el mismo bando, Zelib⁹ tambien lo siguió Y en Yulad fué trasladado

¹ Por esleito ant. por elegido. ² Chemil, MS. Paris. ³ Aleyz, MS. Paris. ⁴ Muxehib, P. ⁵ Emin, P. ⁶ Sabah, P. ⁷ Munir, P. ⁸ Amir, P. ⁹ Zelif, P.

En Admen fue transferido, En Gálib Mador trocado, El qual engendró á Mador, Padre de Alhadir¹ el santo, Y aunqueste nuestro corriente Detengamos algun tanto, Será bien hacer memoria De lo que deste heredamos. Este dedicó al Señor Un hecho muy levantado Que cada noche hacia Antes de ser acostado Diez racas de zala Con cien tazbihes rezados; Y estos sin faltar un punto A lo que tenia votado. Sucedióle que una noche, Sintiendose fatigado, Se durmió sin acudir K su debido ordinario; . Y estando en su dulce sueño, Vió que se le presentaron Dos visiones en el ayre De un mismo bulto y tamaño. La una par de la otra Y cada qual por su cabo Daba tres ramos de luz Muy relumbrantes y claros. Pasó ansi toda la noche Y el dia muy congoxado, Aflijido por la falta, Quen su promesa ha faltado; Y en llegando á la segunda Con gran presteza y recato Se taharó por temor De su descuido pasado: Y acabadas sus arracas, Y sus tazbihes rezando, Se durmió y cerró sus ojos Un sueño dulce y pesado, Y vió de las dos visiones Muy floridos ya sus ramos, Con flores blancas y azules, Y como que yban mostrando Señas de querer dar fruto, Y que sus ojas mirando, Lucian todo este suelo. Y que alargando su mano,

¹ Alhadir, P. Khidr.

Las tomaba y que le daban Un olor mas que almizcado. Asi pasó aquel dia,² Le privo de tal regalo: Y en llegando al tercero dia, Siempre como embelesado, Despues de su azaxdamiento Se durmio, y se le mostraron Los ramos ya con su fruto Perfecto y muy sazonado; Y no pudó semblanzar Su amarillez rescolgando, Y vió que muchas figuras, Como aves revolando, Se azaxdaban y humillaban A las visiones de grado; Y que la noche y el dia Tanbien se le azaxdaron. Vió mas con las dos visiones Dos allohes enfestados, Cada qual con su alcalam, Sin que los tocasen manos. Pues quando amanecio el dia, Alhader muy admirado, Pensativo y muy confuso No sabiendo dar traslado K la denotanza aquella Que tres noches ha soñado, Y dixó ante su Señor Este compendio abreviado. " A ti Señor poderoso, Rey de los celestes astros; Cambiador de nuestros hechos Nocentes y destinados,

Sin porque, como, ni quando, Procurador de tus siervos, Sobelador de sus plazos; O' Señor! que tú nos diste La ynfluencia de tu mano, Unido con la razon De nuestros hechos causario, Pues, tú, Señor, no te apagas De nuestros distinos flacos, Por que son todos tus hechos Muy sublimes y perclaros; Y siendo desta manera, No somos por ti emplazados

Dador de la esencia larga,

² Asi paso hasta quel dia P.

Para causa efetual; Antes muy libres estamos Sí á la razon atendemos Y al proabe que alcanzamos, Que tu divina palabra A ninguno ató las manos. Señor, yo soy sobenible De tu obidencia y mandado, Y sin tu ayuda no hay fuerza, Ni saber sin ti no alcanzo, Si es que debo á ti, Señor, A mas de lo acostumbrado Algun otro afeitamiento O hecho redemisario, Enseñamelo, Señor, Como lo entienda mas ciaro; Y cumpla sin faltar punto A lo que estoy obligado."

A esto baxó Chebril A esforzarlo y albriciarlo, Que Allah nunca se descuida De los que le estan llamando: Y dixóle: " ya Alhadir! No mudes lo comenzado, Ni mudes otro supuesto De lo que hasta aqui has usado," Dixó Alhadir! " ya mi amigo! Ha me sido preparado Circulos por mi visibles Tres noches à una mano; Y he visto claro en ellos Flores y fruto otoñado; Y su significacion Me tiene atemorizado." Dixó el angel, " ó Alhadir! El Señor te ha demostrado En las visiones que dices Un hecho muy alto preparado; Lexos, de lo que pretendes, Vive alegre y confiado, Y sigue tu justa arenga, Como te tengo avisado." Dicen los decretadores, Nuestros alimes y sabios Questa vision de Alhadir Se encargó en su vientre tanto, Que jamas hasta la muerte

Se derogó suplicando A Alláh, que le mostrase De sus tasbihes el pago Hasta que volvió á sofiar Que estaba puesto y cerrado De todos los tasbihantes De sus tasbihes gustando, Y que le dixó Chebril, Muy alegre y albriciando; "Ya te ha hecho tu Señor Participante al sufragio De la mayor alfadila Que del cielo ha baxado, De las que de gracia fueron Y á los justos se entregaron; Y como nunca hubo hecho De los que hoy administramos, Que de ab inicio no fuese Similado asegurado, Quiso su bondad divina Con este justo albriciarnos, En Rachab y Xaban, Su premio grande y colmado, En fin que deste annabi Estos preceptos heredamos. Despues destas consonancias Que deste justo contamos, Padeció mucha conduelma Y gustó muchos trabajos. Este fué él que acompaño Al gran monarca Alexandro En muchos trances y riezgos, Y á quien amó en sumo grado. Volviendo pues al origen Que de nuestra luz llevamos, Digo que deste Alhadir Fué el justo que engendrado Deste decendió Mudraq De aqui al Jucaibat² mudado. Quena sucedió tras dél, Madir³ siguió el mismo bando, Despues Melique lo tuvó, Y a Galib quedó asignado: A Luai quedó en herencio, De dó sucedió el gran Caebu Y tuvó á Murad' por hijo, De dó Quelem⁶ fué engendrado:

¹ Drafe, P. ² Hucaybet, P. ³ Nadir, P. ⁴ Murrat, P. ⁵ Quilem, P.

De Quelem habia Cuçai,¹
Cuyo herencia fué asentado
Sobre el valiente Curax,²
De dó el renombre tomaron
Los caudillos de Curax
Tan temidos y mentados,
Que dieron lustre en Arabia

Y en todos sus comarcanos.
De aqui vinó Abdulmunef,
Padre de aquel afamado³
Hexim que fué bisaguelo
De nuestro annabi honrrado,⁴
Cuya historia y grandes hechos
Demanda tiempo y espacio.⁵

¹ Abiel cuçay, P. ² Cuçay, P. ³ Padre carnal del nombrado, P. ⁴ Preciado, P.

تسرة سيدنا محمد رسول الله Gottingen 1858, de التحويّ المحمد عبد الملك بن هِشام التحويّ Gottingen 1858, de محمد بن عبد الملك بن هِشام التحويّ المطلب شَيْبة بن هاشم و اسم عبد الله بن عبد المطلب و اسم عبد مناف المتغيرة بن هاشم و اسم هاشم عمرو بن عبد مناف و اسم عبد مناف المتغيرة بن قصيّ و اسم قصيّ زيّد بن كِلاب بن مّرة بن كَعْب بن لوّى بن غالب بن فريّ بن مالك بن النّضر بن كِنانة بن خَرْيْمة بن مّدْرِكة و اسم مدركه عامر بن آليّاس بن مّضر ابن نِزار بن معدّ بن عَدْنان بن أدّ و يقال أدّ بن متقوّم بن ناحور بن تَيْر بن يعرّب بن يَشْجَب بن ناجور بن سَارة بن الرهمة بن تارج و هو أزر بن ناجور بن سَارة بن مَارّة بن رَاعّو بن فالح بن عَيْبَر بن سالح بن آرفَخْشَد بن سام ابن نوج

ART. IV.—On the Magar Language of Nepal. By John Beames, Esq., B.C.S.

[Read Nov. 16, 1868.]

My attention had been for a long time directed to the immense mass of languages spoken in the Himalayas, when in 1866 I was appointed to the charge of the district of Champaran. This district lies at the foot of the hills, and its frontier is conterminous with that of Nepal for about a hundred miles. Through the kindness of Colonel G. Ramsay, Resident at the Court of Kathmandu I obtained from Maharaja Sir Jung Bahadoor, the de facto ruler of that country, two Magar soldiers, men of intelligence, and who spoke their native dialect with great purity. At the same time I accidentally took into my service two Gorkhális (Anglicè-Goorkhas) or Rajputs of the dominating or Khas¹ race of Nepal. These men remained with me during several months of the cold season. We worked hard some hours each day, and I was getting on fairly with my task, when they suddenly, like all hill-men, got restless, and insisted on going back to their homes. The weather was getting warm (it was the first week in April), and I could not fairly detain them. Unfortunately I had only got as far as F in my dictionary. of course many words for the rest, but I had been going over it a second time, filling up gaps, and had made it pretty complete for the first six letters. However, I think enough has

I take this opportunity of recording my entire disbelief in the Hon. G. Campbell and Mr. Hyde Clarke's fantastic idea that the term Khás as applied to themselves by this Hindu race has anything whatever to do with Kasyapa, Kashmir, the Caucasus, or any primitive Aryan word at all. It is a pure Arabic word which, ever since the days of the first Muhammedan land-settlement of India, has been the regular technical word for "special, principal, select." How many hundreds of villages are there in India which have this word affixed to them, to distinguish them from places of similar name, but less importance? The Nepalese justly arrogate to themselves, by the use of this word, the first rank among the many tribes of the country. They are the "royal race," par-excellence.

been recorded to form a fair basis of operations for any philologist who may hereafter wish to go into the subject of the Himalayan languages; and as very little has been recorded about the Magar by Mr. B. Hodgson, I trust I am filling up a gap in a way that may be useful. I have also been enabled to correct several inaccuracies in Mr. Hodgson's short list of Magar words (Selections from Records of Govt. Bengal, No. xxvii.), some of which I shall point out further on.

The Magars are one of the tribes who inhabit the central part of Nepal, as distinguished from the tribes of the Terai on the one hand, and those of the higher altitudes, such as Murmis and Gurungs, on the other.

The whole mass of the Himalayas is adjacent to Hindustani on the south and Tibetan on the north; consequently we find traces of Hindustani influence more clear in the languages of the lower levels, while Tibetan influence predominates in the higher. Hindustani, moreover, has pitched a camp in the very heart of the country in the shape of the Goorkha sovereignty, so that even in the higher levels its sway is found to counterpoise and sometimes outweigh that of Tibetan. The latter, on the other hand, has beyond the limits of the Goorkha rule, as in Sikkim and Bhotan, a preponderating influence almost right down to the plains. But from the Singhaleela range eastwards (i.e. for two-thirds of the whole length of the mountains) this is lost, because where Nepal leaves off British territory begins and carries us on to Cashmere; and the inhabitants of Garhwal, Kamaon, and the British hill possessions generally, are Hindus to a man in religion, and, to a great extent, in race.

Upon the whole, then, Hindustani exercises a more powerful influence at the present day on the hill languages of Nepal than Tibetan does: but this state of things is of recent date. There was a time when all the hill tribes were Buddhists, and their languages dialects of Tibetan. Consequently the groundwork of most of them is Tibetan in character still, but so much has been borrowed from Hindi that the groundwork is often hidden out of sight, often distorted and corrupted. This is pre-eminently the case with Magar.

The Magars now live in the central part of Nepal; their most eastern village Tannang being 40 miles west of the capital Kathmandu. Their settlements, the chief of which are Rishing, Giring, Birkot, Dhor, and Lamzhang, stretch as far west as the town of Palpa. Beyond that there are Magars to be found, but their dialect is said to be corrupt and almost unintelligible to the eastern section of the tribe. My informants estimated their number at about 6,000 fighting men, which, adding a fair proportion of women and children, might give from 18 to 20,000 as the total of the population. This estimate, I suspect, is rather over than under the mark. There are so many tribes in Nepal besides the Khas, and the country is on the whole so thinly peopled, that none of the tribes can be very numerous. The hill women, though robust, are not as a rule remarkable for fecundity, and the increase of population is further checked by the strong tendency of the males for foreign service. These semi-Tibetan tribes are gradually decreasing, and it is the fact of their decrease alone that explains the existence of their numerous subdivisions into clans and septs, each of which sometimes contains only a few families. This often surprises travellers and others, but the fact is, the septs have dwindled to their present scanty numbers from much larger beginnings.

The Magars are divided into three great clans, called Thapa, Alaya, and Rana, and each of these again into many septs, which it is not necessary to particularize. They are, at present, rigid Hindus, and the Thapas call themselves Rajputs. Indeed, the two men who came to me gravely told me that their ancestor was a younger brother of the last Rajput king of Chitor, who, on the fall of that famous fortress, had taken refuge in Nepal! I did not ask him how his ancestor managed to reach Nepal through the territory of his deadly foe, but I noticed that neither my Goorkha Rajputs, nor a Bhojpur Rajput from Arrah (Kunwar Singh's clan), nor a hill Rajput from the Western Himalayas (a Doghra of Kulu), all of whom were in my service at the time, would eat with

¹ Both my interpreters were Thapas. I only know of the other two clans from Mr. Hodgson's note, above quoted.

the Magars, or acknowledge them to be of pure caste. In fact, the appearance of the men themselves put their Mongolian origin beyond a doubt. Small, robust men, about five feet in height, with great girth of chest, small pig-eyes, high cheekbones, scanty moustache and beard, huge mis-shapen mouth, always distended with a good-humoured but rather meaningless grin,—they carried their origin written in every limb and There is no doubt whatever that they originally lived much farther to the east than they now do. habitat was probably Sikkim or Western Bhotan, and they were heathens, as many of the tribes still are. They may have had a slight leaven of Buddhism, but it was in all probability very slight, and readily yielded to Brahmanical influence when the Goorkha pressure was brought to bear on them. They call themselves Rajputs because they belong to that class of the tribes from which the Nepalese army is now recruited, and in which they take high rank along with the Gurungs, next to the pure Goorkhas. The bulk of the male population is at present in Jung Bahadoor's army, though their original occupations were pastoral and slightly (but only slightly) agricultural. Like the other tribes, they by no means exclusively occupy the tract of country in which their villages lie; in travelling in those regions, one meets a Magar village, and, a little further on, one of Dorhis or Dunwars, and, again, a Newar village, and so on. It is not wonderful, under these circumstances, that their language should be dying out, especially when it is taken into consideration that the majority of the men are permanently absent from their homes on military service, the exigencies of which render it imperative on them to speak the Parbatia or Khás Nepalese (a purely Hindi dialect) as well as their native tongue. I am afraid they are rather ashamed of their language; in the capital they are, of course, anxious to avoid exhibiting traces of rusticity, and only use Magar among themselves. The haughty Goorkha calls all the hill languages, except his own, by the opprobrious epithet of बेहरा or "dirty." Here and there, in the following pages, I have noted the chief words of Tibetan origin to be found in Magar; but it may be useful to make some general preliminary remarks, to shew to some extent the results of Hindi influence, and the deviations from the pure Tibetan. The results of an examination of the language are curious and, to some extent, novel; but I do not wish to be understood as affirming anything on this head positively. I merely suggest for the consideration of scholars, and shall be glad if my suggestions be considered as pointing in the right direction.

Words in Magar may be divided into five classes:—

1. Pure Hindi.

- 3. Arabic and Persian.
- 2. Corrupted Hindi.
- 4. Pure Tibetan.
- 5. Corrupted Tibetan.

Of classes 1 and 3 there is no need to say anything; the Arabic and Persian words are merely such as are in use in Urdu, and have been adopted in Hindi for want of a good indigenous equivalent.

With regard to class 2, it may be remarked that the corruptions are the same as those which occur in Parbatia or court Nepalese, which is a dialect of Hindi almost identical with Bhojpuri; seeing that the founder of the present dynasty emigrated with his clan from Simráun in Tirhut in 1322 A.D. Examples will be found in the vocabulary.

Classes 4 and 5, or those of pure and corrupted Tibetan words, require further investigation. It is well known that written Tibetan differs from the modern spoken language by having a number of letters which are not pronounced, very much as in French; there is, however, this difference, that it is in many cases difficult to see how some of the combinations in Tibetan could ever have been pronounced at all. Letters of different organs are found without the intervention of a vowel at the beginning of words and in situations where the European tongue is almost unable to utter them. That this is no reason why Tibetan tongues should not be able to pronounce them, I am well aware. We find such combinations in the Hamitic family as gb, for instance, where the b is clearly enunciated. with a scarcely detected soupçon of a g preceding it; and it is in this way that the learned Lamas in some parts of Tibet still read their sacred books. In those Tibetan monasteries which I have visited, I did not find this the case, and the mass

of the people entirely ignore these combinations. Mr. Jaeschke has given to the world some valuable notes on the subject of the pronunciation of modern Tibetan in various provinces, which lead to the hypothesis that the deviations from the classical Tibetan standard observable in the Himalayan dialects may be traced to various provinces of Tibet, and may thus aid us to find out the original homes of the tribes now domiciled in Nepal. To apply this idea to the case of the Magars is not altogether easy. There are many words which agree exactly with Tibetan, e.g.

	MAGAR.	English.	Tibetan.
1.	Lam	A road	Lam.
2.	Lag	Hand (side)	Lag.
3.	Su	Who?	Su.
4.	Ra(rha)	Goat	Ra.
5.	•	Louse	
6.	Shi	Die	Shi.
7.	Shing	. Tree	Shing.
8.	•	Send	_
9.		. Two	
10.	Ros	. Bone	Rus.
11.	$(Bhur) mi^1$. Man	. Mi.
12.	•	. Fire	
13.	•	. Eye	
14.		. Love	

There is nothing in the form which these words take in Magar to shew whether they belong to the eastern or western part of Tibet.

Another class of words exhibits a certain likeness to Tibetan, but with changes for which, as there is no analogy, so it may be doubted if there is any proof. I give the following list therefore merely conjecturally:—

	MAGAR.	English.	Tibetan.
1.	Chü	Dog	Khyi, pronounced chhi.
2.	Dngá	See	(M)thong.
3.	Gará	Ant	Gro'.

The prefix mi found with all words referring to parts of the human body is the Tibetan word for 'man.' Hodgson is in error in treating it as a radical.

	MAGAR.	English.	TIBETAN.
4.	<i>Biri</i>	Fear	Bre'.
5.	Kharak	Be ashamed	Khre'.
6.	<i>Tuk</i>	Belly	(L) to (cf. (l) tog, hunger).
7.	Mya	Arrow	Mdå.
8.	Chya	Tie	Ching.
9.	Cho	Cut	Cho'.
10 .	<i>Im</i>	House	Khyim, pron. chhim.
11.	Gwha	Bird	Wya, pron. wa.
12 .	Armin	Name	Ming.
13.	Arkin	Nail	Sen.
14.	Tsup	Suck	Jib.
15.	Tang	Spread	Thing and (l)ding.
16.	Gin	Heart	Nying.
17.	Chini	To-day	Mag. chü, with T. nyi, day.
I8.	_	Blow	

Both these lists may be largely augmented, especially the second, which I have adopted in the vocabulary, where more examples may be found.

When we seek to account for the deviation of Magar forms from those of classical Tibetan, by a reference to the pronunciation of Eastern Tibet, from which part there is good reason to assume that the Magars (like the Limbus) originally came, we are met by the difficulty that this tribe must have left Tibet certainly before 1300 A.D., as after the arrival of the Goorkhas in Nepal, the incessant wars which were waged in the hills would have been very unfavourable to, if not entirely prohibitive of, the penetration of a feeble clan so far into the heart of the country. But, from the researches of Jaeschke and others, it is almost certain that the ancient pronunciation remained in force all through Tibet up to a late date. my own travels in Sikkim, I know that the chief-and, I believe, only—route northwards from that country debouches close to Lhasa itself, a place which, from its political importance, would have retained (presumably) a pure pronunciation longer than any other place in those eastern provinces. The Magars then, in all probability, had left their original homes before the pronunciation of U-Tsang (the province of which Lhasa

is the capital) and Kham had declined in any marked degree from the classical standard, and it would therefore be vain to look for many signs of eastern influence in the Tibetan words which they have retained. Some few, however, I think, may be detected, and these I now notice.

- 1. "I" in Magar is not only ngu (Tibetan nga), but ngoï, which is the Eastern pronunciation of the (Western) Tibetan ngos. A similar process is, perhaps, traceable in the root lo or loï, 'to bring,' from the Tibetan nyos, where we see also a transition from n to l. This transition is also shown in the roots lo or lho, 'to throw,' Tibetan, tho'; lhang, 'a stone,' Tibetan, do'; lhak, 'to lick,' Tibetan, dag; where the dental element of the Tibetan passes into l in Magar.
- 2. Final g, d, b, are in East Tibet so indistinctly pronounced as to be scarcely audible. So in Magar we have la, 'side, direction,' in kula, 'where,' in which the final g is audible only before a vowel, from Tibetan lag; other instances are biri from bred, 'fear,' gará from grog, 'ant,', cho from chod, 'cut,' etc. On the other hand, however, there are instances of the retention of the final letter, where it exists in Tibetan; and Hodgson, whose vocabulary appears to have been derived from a Magar from the country west of Palpa, where the dialect is in all probability older than the present standard Magar, retains these letters in some cases where my authorities omitted them.
- 3. As both final s is softened into i, and final g is unheard, in Eastern Tibet, we may derive the Magar word le, to exist,' to be,' from the Tibetan lags, which by the processes above noted would become la'i, and finally le.

In the vocabulary will be found a considerable number of Tibetan etymologies; but it would seem that there is a large quantity of words which can be referred neither to Tibetan nor Hindi. It would be an interesting enquiry whether these words—this, so to speak, insoluble residuum—have any affinities with the languages of the neighbouring Himalayan tribes,

¹ According to Jaeschke (Tib. Gr. p. 28, § 39), this word is only used in "respectful and elegant speech," except in Eastern Tibet (and especially the province of Ü, where Lhasa is situated), where it sounds $l\bar{a}$ -pa.

and if so, to what source they are to be attributed. There are not wanting indications, though they are rather slight, of a connection with the Lohitic or Burmese class, as e.g., the word kat, 'one,' which is identical with the Lepcha, and very similar to the Burmese, also the pronoun of the second person, nang, which is the same in the Boro or Mechilanguage. It is not my intention to follow out this comparison in the present paper, because I have been led by circumstances to doubt the accuracy of the printed vocabularies of Himalayan tribes, and hope to have an opportunity of making collections myself direct from the mouths of natives; till then I make no comments.

It may, however, be worth while to notice the construction and inflections of the Magar in reference both to Tibetan and Hindi.

We should expect to find the grammar almost pure Tibetan, because the language is undoubtedly of Himalayan origin; and this expectation is fairly carried out, though of course the sharpness of type which is observable in Hundesi and trans-Himalayan languages cannot be looked for here.¹

Thus we have the noun ordinarily monosyllabic, and occasionally bearing the Tibetan affixes of gender, ba (or wa) and po, masculine; and ma, mo, feminine. The declension is effected by added particles, as in Tibetan, though most of the particles used bear not the slightest resemblance to the corresponding Tibetan ones; they agree, however, here and there, with those used in other Himalayan languages, and some are borrowed from Nepalese and Parbatia, e.g.—

$2.^{2}$	0	Milchán	o.
3.	ke	Nepalese	के (hod क्रम्).3
4.	ang	Milchán	ang.
7.	laki	Tibetan	lag.
10.	i	perhaps Tibetan	hi' or i'-etc,

The Magars are well aware of the fact that their language deviates much from the "Bhot," (as Tibetan is called in the hills), and even go so far as to use this fact as an argument in favour of their alleged Rajput descent. They tell me that their immediate neighbours, the Gurungs, speak a language far more like "Bhot" than they do.

² These numbers refer to those in sec. 2, § 1.
³ But still ke in Tirhut and Purneah Hindi.

Sáthang is clearly the Hindi or Nepalese साथ with the Magar affix ang, and is thus equivalent to, "in company with."

The pronoun is highly irregular, as is the case in most languages, and offers a minimum of coincidences with any other language. That of the third person seems to be an Aryan word tortured into compliance with Turanian rules.

In the verb again, we see monosyllabic roots with affixes, as in Tibetan. The infinitive is curious, inasmuch as it follows the Tibetan system with Nepalese materials; the verb, or verbalroot in the former language, is treated as a noun, and takes accordingly the nominal affix of gender pa and ba; to form the infinitive the particle r is added, which is also a sign of the dative in nouns. Similarly, in Magar, we have the verbal root in the dative case used as an infinitive, but the sign for the dative is the Aryan one a; as in zatke, 'to do,' etc.

The various affixes used to express modifications of time are not traceable, as far as I can see at present, to any corresponding form in Tibetan, except the *le* of the present, which is the *la'i*, as mentioned above.

Perhaps also the termination $n\ddot{u}$ of the past part., may be referred to the nai of the Tibetan past part., which is the same as the sign of the ablative case of the noun.

But the ending of the past tense in & and that of the imperative in o, look like Hindi forms, and the idea of a respectful imperative, with its characteristic i, is also traceable to the same source; whence also they derive the idea of using the instrumental in lieu of the nominative with a past tense; for the instrumental, though existing in Tibetan, is not so used.

Tibetan, however, in idea, is the habit of prefixing mi ('man') to words denoting parts of the human body, as mitalu, etc. We find also a list of words beginning with ar, a prefix which has apparently no relations in Tibetan. These words, if we leave out the ar, agree generally with the corresponding Tibetan words.

Hindi again is the form of construction with the past participle in connection with an auxiliary verb, meaning 'to give,'

'to place,' etc. E.g. chikke alone is 'to expel,' but the Magars are fond of using chikknü zake, which is similar to the Hindi habit of using nikál dená for nikálná, and is equally useless and inconvenient in both languages. In the grammar, I have noticed a good many of these instances of borrowing methods of expression from Hindi.

To sum up these brief introductory remarks, it results from what has been said that the Magar is a language of the Tibetan family, and that the race who speak it probably came originally from the neighbourhood of Lhasa, in Eastern Tibet. Falling under Goorkha influence as they advanced westwards, they added to their vocabulary a large number of Hindi words, and some inflections, so that we have Tibetan grammatical ideas carried out with both Tibetan and Aryan materials, as well as Hindi grammatical ideas carried out with Aryan and Tibetan materials. The language thus presents a spectacle almost unique, and in distinct contradiction to the generally admitted proposition—that, though one language often borrows largely from another, yet these borrowings are confined to words, and never extend to grammatical forms.

II.—Section 1. Sounds.

The sounds of the Magar are as follows:---

I. Vowels.

चा
$$a$$
, चा \acute{a} , द्र्रं, च u , का \acute{u} , ए e , ची o .

There are, besides, three vowel sounds of a Mongolian nature which cannot be expressed by Sanskrit letters: these are, $a\bar{i}$, $o\bar{i}$, \ddot{u} . The first of these is longer than the Sanskrit $\hat{\mathbf{U}}$, and is almost two syllables. The second, $o\bar{i}$, is like the German \ddot{o} in $G\ddot{o}the$, but broader, and half-way between that and the German eu in feuer. The third, \ddot{u} , is a very acute short sound, and at the end of words, where it chiefly occurs, is hardly to be distinguished from i or e, thus resembling the German \ddot{u} in $m\ddot{u}de$. These three sounds do not exist in Tibetan, as far as I

¹ I give the Sanskrit characters as a key to the pronunciation, as far as they go.

am aware, but they are found in Lepcha, Murmi, and other hill languages.

II. CONSONANTS. $-ng^{(a)}$ \mathbf{a}^{k} स् kh च gh ग g ਕj $--ny^{(b)}$ क्ट chh 哥*jh* च ch **u** th ξd **u** dh त t T n उ th T d ₹ 5 E dh -- ts (c) -tz--ds**T** ph ब b भ bh Чp Hm $-h^{(d)}$ T h सु I sh — z (e) $-wh^{(t)}$ स्रा य ५ Tr.

Remarks.—(a). This letter is the same as the Tibetan 5 ng. It is with difficulty pronounced by a foreigner when it occurs, as is frequently the case, at the beginning of a word. It is precisely the same sound as the ng in the end of the present participle of verbs in English, as going, singing.

- (b). This is the Tibetan $\tilde{\gamma}$ ny, "prononcé comme dans le mot français ignare," or as the Spanish \tilde{n} in Señor.
- (c). These three sounds are of Tibetan origin, and correspond to ts, tz, and ds.
- (d). The Tibetan A, a softer sound than E, so soft as only to be audible when pronounced slowly. Yoho, 'give,' in ordinary conversation sounds almost like yo or yo-o.
 - (e). The Tibetan \exists , English z.
- (f). Tibetan A, exactly like the English wh in which, why, as it is pronounced by Irishmen, as though spelt hwich: it is difficult to decide whether this sound is wh or hw.

The soft or Tibetan h is often found in combination with m or l, as mhen, 'fire,' bhang, 'a stone;' where it is again difficult to say whether the l or the h precedes.

When a Magar gets excited, and talks loud or with vehemence, he aspirates nearly every letter in the alphabet. Thus 'I see,' is dángone, but 'I see! I see!' sounds more like dhánghonhe.

The medial aspirates gh, dh, bh, jh, only occur in words of Hindi origin. There are no medial aspirates in Tibetan.

The cerebral letters do not often occur except in Hindi

¹ Foucaux, Grammaire Tibétaine, p. 3.

words used in Magar. In indigenous words the hard d (\mathbb{T}) is pronounced almost like an r. Indeed, even the dentals in Magar are like the same class in English, consequently harsher than those in Hindi.

The letters k and g are pronounced so much alike as at times hardly to be distinguishable one from the other. So also p and b. This is a Tibetan characteristic.¹

The distinction between long and short vowels is only clearly marked in words of Hindi origin. In pure Magar words there is very little distinction. The language in this respect also follows the usage of Tibetan.

There are no peculiarities of accent beyond a slight drawl at the end of a sentence. The pronunciation is level and even, though somewhat indistinct, the words short and simple, and the general effect of the language on the ear is soft and musical.

Section 2. The Noun.

§ 1. The noun has no inflections. Cases are formed by the addition to the word of syllables, in the same manner as the Hindi $k\acute{a}$, ke, $k\acute{i}$, etc. The following is a list of the most usual post-positions, showing how they are added to a noun:—

- 1. Im a house.
- 2. Im-o of a house.
- 3. Im-ke to a house.
- 4. Im-ang in a house, also on a house.
- 5. Im-ing from a house, or out of a house.
- 6. Im-taking, upon a house.
- 7. Im-láki from a house.
- 8. Im-kháta with or near a house.
- 9. Im-sáthang with a house,
- 10. Im-i by a house.
- 11. Im-mhoïking under a house.

Remarks.—1. The objective case is designated either by the affix ke, or by the absence of any affix at all. In other words, the verb in some cases governs a dative, in which case

¹ Foucaux, Gram. Tibet. p. 3, l. 12, and p. 8, para. c.

he is added to the noun, in some cases an accusative, in which case the noun has no affix. Instances are—

Ngáke dhusá he pushed me (lit. to me).

Ise shing chio cut that wood.

2. Where two nouns follow each other, the genitive sign of the first is omitted, if a close connection exists between them. This is equivalent to forming a compound noun.

Ex.: Tálu chhám.

The hair of the head: (lit.: the head-hair).

- 3. The affix láki is pronounced also láge and lág.
- 4. The affix i is the sign of the instrumental, and is used before the past tense of a transitive verb, as in Hindi ne.

Ex.: Su-i yáhá? Kis-ne diyá.

Also as a pure instrumental-

Ex.: Hur-i khoho with a hoe dig.

In addition to the affixes given above, there are others signifying behind, before, above, etc., but as no change takes place in the noun when these are added, I have not given them here, but in their proper place in the dictionary.

As a rule, no distinction is made between the singular and plural, but if it is necessary to draw particular attention to the fact of plurality, the word pattá or patto, meaning 'all,' is inserted between the noun itself and the terminations.

Ex.: bhurmi-patto ke yoho.

give to the men (lit. man-all).

Im-pattá ke hilo.

Count all the houses.

§ 2. There is no gender in Magar nouns. Animals and human beings are distinguished by separate names for the sexes. Ex.: bhurmi, 'a man,' máhazá, 'a woman,' thor, 'a bull,' nyet, 'a cow,' or by the affix 'mán,' which converts a masculine noun into a feminine.

Ex.: Dog, chü.

He-goat, rhá.

Cock, gwhá.

Bitch, chümán.

She-goat, rhámán.

Hen, gwhámán.

¹ Like the Sankrit Tatpurushah.

² This affix man is probably connected with the Tibetan mo affixed to female nouns.

In the case of human beings the words lenza, 'male,' and máhazá, 'female,' are sometimes used, as lenzá zá, 'a male child,' máhasá zá, 'a female child.'

§ 3. Adjectives are indeclinable, and precede the substantive. Ex.: Karangchü bhurmi, 'a big man.'

Comparison is effected by the affix denang, 'than.' There are no separate signs for the comparative and superlative degrees.

Ex.: Nga denang ise karangchü le.

He is bigger than I (lit. big than I).

Kánang bai kaupatto denang báto.

Our father is the wisest of us all (lit. wise than us all).

In Magar, as in all other languages, when an adjective is used elliptically as an appellative, it takes the case-affixes just the same as a substantive. Thus lochü as an adjective means 'long,' but as a substantive it means 'the long (one),' i.e. 'a snake,' and then takes case-affixes.

Ex.: Lochü ke ngoï detaká, 'I killed a snake.'

Nearly all adjectives end in chü. This is also the form taken by the verbal noun, and adjectives may be formed from any verb in the language by adding this particle chü to the root; and similarly all adjectives may be made into verbs by dropping the termination chü and affixing the usual verbal terminations; thus from bochü, 'white,' we may make bo-le, bomone, etc., meaning 'it is white, it was white,' and so forth. In fact, in most Turanian languages, the monosyllable merely conveys an idea as 'seeing,' 'doing,' and it depends entirely upon the terminations that are added to it, whether it is to be regarded as a noun or verb.

- § 4. Nouns which end with a vowel exhibit slight irregularities when they take the affixes o, i, ang, ing.
 - (a). In some instances the final i of the word changes, as in Sanskrit, into a semi-vowel; as bhurmi, 'a man;' bhurmyo, 'of a man.'
 - (b). Or the initial vowel of the affix is lost altogether, as thaili, 'a bag;' thaili-ng, 'in a bag,' for thaili-ang.
 - (c). Or an euphonic letter is inserted, as sipahi-k-o, of a sepoy.' This is probably borrowed from the Nepalese sign of the genitive al.

(d). Or the affix is simply added to the word, this is more especially the case in monosyllables, as suo, 'of whom?' sui, 'by whom?'

There appears to be no certain rule for these changes. My two interpreters sometimes used one form, sometimes the other; and no amount of enquiry could elicit from them any definite rule.

SECTION 3. THE PRONOUN.

The personal pronouns exhibit more of an inflectional character than any other part of the language. The genitive cases especially merit attention.

FIRST PERSON.

Singular. Nom. I, ngá, ngachü, ngoi, ngoichü.

Gen. Of me, nyo.

Dat. To me, Acc. Me, ngáke.

All other cases are formed precisely as in nouns by adding case affixes to the form $ng\acute{a}$, as $ng\acute{a}$ - $l\acute{a}ki$ 'from me,' $ng\acute{a}$ -sáthang, 'with me.'

Plural. Nom. We, kan, kankoï, kankoï.

Gen. Of us, kánang, kánun.

Dat. To us, Acc. Us, kanke, kankoke.

SECOND PERSON.

Nom. Thou, noï, nengi, Nom. Ye, náhako.

nang.

Gen. Of thee, nuo nango.

Dat. Acc. To thee, nengke.

Singular.

Nom. Ye, náhako.

Sen. Of you, náhakun.

Dat. To you, nahako ke.

Acc. You,

Nákun, the respectful pronoun of the second person, corresponds to the Hindustani "Ap" or "Huzúr," and must be distinguished from náhakun, the genitive plural of nang. It is generally used in the nominative case only, and has no plural.

The third person has three forms, hose, ase, ise. Of these hose is the ordinary 'he,' 'she,' 'it;' ase is used for distant

persons or things; ise for things close at hand, i.e., ise is 'this,' ase is 'that.' The declension is as follows:

SINGULAR.			PLURAL.				
Nom.	hose	ise	áse	Nom.	hosko	isko	ásko
Gen.	hochü	ichü	áchü	Gen.	hoskun	iskun	áskun
Dat. Acc.	hoske	iske	áske	Dat. Acc.	hoskoke	iskoke	a s koke
,	etc.			•	etc.		

The forms ngoi, nangi, and hosi are used as instrumentals before the past tense of a verb, but I have given them as nominatives also, because they are all used before other tenses as well. In fact ngá, and ngoi seem to be used indifferently in all cases, both before transitive and intransitive verbs.

The demonstrative, interrogative, and relative pronouns will be found in the dictionary. They have no inflection, but take case-affixes in a perfectly regular manner. Those which end in o have no distinction between the nominative and genitive cases.

The word $s\dot{u}$, 'who,' is Tibetan, and forms in the plural $s\dot{u}$ - $s\dot{u}$, which is also a Tibetan formation, though in that language it means 'whoever,' 'some.' The declension is as follows:—

SINGULAR.				PLURAL.			
N.	εú	who?	su-ko,	su-patta	8ú- 8ú		
G.	sú-o	of whom	su- kun				
D. }	su_ko	to whom whom	<i>3u-e</i>				
Acc.)	6u-ne	(whom	5 4-6				
Inst.	su-i	by whom	8 11-811-i				

Kos or kus, 'who?' is thus declined—G. kuso; D. kuske or kuche, etc.

In the word sura or suro, 'any-one,' an inversion sometimes occurs in the accusative singular, suke-ra for sura-ke.

Great regularity in the type, so to speak, of the pronouns exists in Magar; this betrays the influence of Hindi. I give here a table showing these words. It will be observed that interrogatives commence with k or ku; demonstratives with i for close, and a for remote, objects; relatives with j. All this is clearly Hindi. Nothing of the kind occurs in Tibetan or its cognate languages, though the use of i for proximate, and

a for remote demonstratives is a characteristic of all languages of the Turanian family, and is even observed in Sanskrit and some other Indo-Germanic languages.¹

Some of the words in the following list are properly adverbs, but I insert them here in order to show the mechanism of the language in this respect at one glance.

It will be observed, 1. That some of the expressions are Hindi, either pure or only slightly corrupted; 2. That words of purely Tibetan origin exist side by side with Hindi or semi-Hindi forms.

Pronoun.	Adverb of Place.	Adverb of Quality.	Adverb of Direction.	Pronoun and Adverb of Quantity.	Adverb of Time.
Hose He	Hola There	Hosto Thus	Hote Thence	Horangchü So great	Hose bera Then
<i>Ise</i> This	Here (yahán)	Isto Thus (aisá)	Ite Hence	Irangchü So great (Itnd)	Ise bera Now
Ase That	Ala[g] There (wahán)	Asto Thus (waisa)	Ate Thence	Arangchü So great (Utnd)	Ase bera Then
Kos Who? (also Su)	Kula[g] Where?	Kosto How?(kaisa)	Kuts Whence?	Kurangchü How great?	(Shen) When?
Jos[dzoJe-su] Who ever	(kahán) deest	Josto As (jaisd)	desst	desst	Jas bera When ever
(jo koi)	u s esi	Tosto So (taisd)			

Note.—For further remarks see the section on Adverbs.

Section 4. The Numerals.

The Magar language possesses numerals only up to five; from five onwards counting is carried on in Hindi.

The numerals are—

¹ See on this subject Caldwell's Dravidian Grammar, p. 338 et segq.

The first five numerals are of Tibetan or Himalayan origin, and are connected with the numerals in Tibetan, and all the hill languages as far as Assam and the Burmese frontier.

In the phrase kah-ek, 'one day,' the final t of kat has been changed into h. In the form kangles, 'one year,' the t is further modified into ng. The ordinals are the same as Hindi, even for those numbers whose cardinals are Magar pure; but it must be remarked that ordinals are seldom, if ever, used.

Section 5. The Verb.

§ 1. The verb is as destitute of inflections as the noun, but possesses a sufficiency of machinery for expressing times, moods, and all other phases of action. This machinery consists, as in the noun, of appended syllables. The roots of all verbs are monosyllables. Where exceptions occur to this rule, they are only so in appearance, and spring from corruptions or contractions, (sometimes very difficult to explain,) of two or more monosyllabic roots.

I have endeavoured to arrange the various forms of the verb below; but it must be premised that the Magars themselves are very inaccurate and loose in their employment of these forms. The remarks below will elucidate this point more fully.

§ 2. The verb falls into conjugations, according as the root terminates with a consonant or a vowel.

1st Conjugation. 2ND CONJUGATION. Rákh-ke. Yá-ke. 'To give.' 'To bring.' ${\it R}$ á ${\it kh}$ - ${\it ke}$ ' to bring.' Infinitive ' to give.' Yá-ke Rákh-le. Rákh-lang. Present Yá-le. Yá-lang. Do. Yá-mo-ne. Aorist Rákh-o-ne. Preterite Rákh-á. Yá-h-á. A-rákh-e. Future $A-[ya]-h-e^{2}(a-he.)$ Imperative Rákh-o. $Yo \cdot h - o$. Wanting. Rákh-ná. Do. Do. (respectful) Rákh-ni. Yá-ni. Past participle Rákh-nü. Yá-mü or mo. Yá-chü Rákh-chü. Verbal noun

¹ See these words in the Vocabulary.

² This form is not used with words beginning with the vowel d.

§ 3. Remarks.—1. The forms of the present in & and lang are used to denote future action which is to take place immediately, exactly like our English phrase 'I am going,' which, though present in form, is future in sense.

Ex.: Nangke sátnang (for -lang).
'I will beat you' (i.e. immediately).

- 2. Lang is often pronounced nang, as in sátnang above.
- 3. Le in rákh-le is the root of the verb le-ke, 'to be;' lang is probably a contraction of le-ang = being-in. Thus rákh-le would mean 'bringing-am,' and rákh-lang, 'bringing-am-in,' or 'I am in (the act of) bringing,' which accounts for its being used as an immediate future, as well as a present, tense.
- 4. The affix le is sometimes omitted, especially in short, abrupt sentences. Ex.: jaï ki ma jaï, 'will you eat, or not?' which is for jyá-le (jaï-le) from jyáke, 'to eat' (pronounced jaïke).
- 5. I have called the form in -one the aorist because its time is indefinite. It is used with reference to past, present, or future occurrences. It appears to have sprung from the indefinite past participle in $n\ddot{u}$ or mo with le added and changed into ne, a change of which other instances are found. It would thus be equivalent to 'I have done,' as in yamone, which would be yamo = having given, le = I am, 'I am having given,' or 'I have given.' In the first conjugation rakhone would be for rakh[n]\bar{u}-ne, the n being slurred over or elided, and the short \bar{u} changed into an obscure o. The following sentences will explain the nature and use of this form:—

Past. Chini hose hira má jaï mone.

To-day he has eaten nothing.

Future. Nungchü dangone.

I will go and see (lit. going I will see.).

Present. Nákun kulág ngumone.

Where do you live?

¹ The affix ang is sometimes added without the *l* to express present time, as passing, 'it happens,' for pas-lang.

- 6. The form of the imperative in ni is used when addressing a superior, and is similar to the Hindi -iye in baithiye, aiye, 'be pleased to sit,' etc.
- 7. All verbs of the second conjugation, whose roots end in \dot{a} change the vowel of the root into o in the imperative, and insert a soft h between that and the vowel of the affix, as ya-ke yo-ho, ya-ke yo-ho. This h can only be heard when a person speaks very distinctly, otherwise the imperative sounds like one syllable, yo, go.
- 8. The past participle is similar in use to the Hindi participle in kar or karke.

Ex.: Jaïmo nungná, 'having eaten, go.'
Hindi: Khá karke jáo.

It is much used in forming compound verbs, the latter element of which is formed by yake, 'to give,' tohke or toke, 'to place,' and other verbs.

Ex.: Dasnü yáke, 'to abandon.'
Word for word Hindi chhor dená.
Tag dimo ngapke, 'to take aim.'
Word for word Hindi nishána karke márná.

The words most frequently used to form compounds are—

yáke to give. rahke to come.

tohke to place. nungke to go.

nguke to sit, remain. rákhke to bring.

kahke to put. álhke to take away, etc.

These all take the preceding verb in the past participle.

Ex.: Bherdimo toho.

Fold up (lit. having folded put).

9. The form in chü like that in one is used in a very vague manner. I apprehend that it is originally and properly the present participle and corresponds to the Hindi walla. In Tibetan hgyúr (pronounced chhúr) means 'to become,' and it is possible that this verb, which is used as an auxiliary in that language, may be the origin of the affix chü. It is notable that this syllable is found at the end of a large majority of adjectives, and that such especially as take their primary

idea from actions are derived from verbs by adding chü to the root. Thus from

Hekle to be able comes hekchü able.

Jaike to eat ,, jaichü eatable.

Gáke to drink ,, gáchü drinkable.

etc. etc.

I have therefore called this form a verbal noun. It is used with reference to past, present, and future time, and in every variety of mood. A few examples will explain its use more readily than a long dissertation.

1. Hose dhut tsánchü, kurek din tsaná. How long ago was it?

Here tsánchü is the verbal noun of tsánke, 'to become,' 'to happen,' and the sentence therefore is literally, 'that affair happening' (hone se), or 'having happened how many days have been?'

2. Dánra pári lági rákchü kángles. They came formerly from beyond the hills.

Rákchü here strictly means '[they are people] coming,' or 'comers,' or 'who came,' just like the Hindi ánewálá.

3. Kuchi birinchü ale? 'who sent it?'

Kuchi = instrumental case of kos, 'who,' ale, future of leke, 'to be,' used in the sense of 'may be.' I should translate this, either 'who may be the sender?' (in which case birinchü would be an active participle, and kuchi used irregularly for the nominative kos, just as ngoi, which is really an instrumental, is often used for a nominative); or 'by whom may it be sent?' where birinchü would be used passively. In connection with this interpretation, observe the remarks on the formation of the passive voice in the next paragraph. I incline more to the first of these two interpretations; the difficulty about kuchi is explained by a reference to Hindi. The influence of this language is so marked in Magar, that it may fairly be assumed that in trying to imitate the somewhat intricate use of the instrumental as a nominative in the Hindi ne, in such phrases as usne dekhá, 'he saw,' the Magars have fallen into the error so commonly perpetrated by the lower classes of Hindustanis, of using the instrumental out of place. As is well known, an ignorant Hindustani, in trying to talk classically, will often commit such an error as ham ne dekhtá hai, or ham ne baiṭhá. It may be pardoned to the simple Magars to have erred, where even their models are not always correct; and this interpretation preserves to the form in chü its usual and appropriate active sense.

10. The passive voice is not often used in Magar, it may be doubted if it really exists. The idea of a passive is a somewhat artificial one, and not necessarily inherent in the scheme of any language. It can scarcely be said to exist in Tibetan, or in Hindi, the two languages which are, so to speak, the parents of Magar. In both these languages a periphrasis, more or less arbitrary, is employed. The idea 'I was beaten,' is simply and quite as fully expressed by, 'he has beaten me.'

Má nungas dereng, nangke detachü le.

If you do not go, you will be punished.

Here the object is in the accusative case, and the verb is active, literally 'thee beating is,' i.e., 'some one is (or will be) beating thee.'

This is one way of expressing the passive; another is—

Ite má dangle, 'it cannot be seen from here.'

Literally 'hence not sees,' i.e., 'one does not see (it) from here.'

A third method is in imitation of the Hindi-

Kos ke bhira nunga, 'who was sent?'

This is word for word the Hindi kisko bhejá gayá, i.e., the active preterite compounded with the verb nungna, 'to go,' literally 'who sent went.' Both in Hindi and in Magar the person is often placed in the accusative, where logically the nominative should occur.

The verb ngunke, 'to sit,' is also used in forming the passive. Detaká nguá, 'he was beaten,' literally, 'he sat beaten.'

Inasmuch, then, as there is no separate form appropriated to the expression of the passive, we are justified in saying that no passive exists in the language. A Magar will twist the passive sentence round till he expresses the idea, looking at it from the opposite point of view, by an active verb; and if this cannot be done, will express the idea by one or other of the above periphrases or compromises.

- 11. Reciprocal, causal, and other forms of verbs found in cultivated languages, do not exist in this rude dialect. Nor are there any traces of a subjunctive, or potential, or optative mood. The list of verbal forms given above, comprises, it is believed, every verbal variation in the language. The subjunctive is expressed simply by the indicative or primary form, sometimes with the addition of the word dereng (or delen, or delek), which apparently means 'then.'
- 12. The potential is resolved into two words—'I may go,' becomes 'I to go am able.' The optative, 'may it be!' would be rendered 'I wish that it will be.'
- 13. Necessity, as in the phrase, 'I must go,' is expressed by the paraphrase, 'to me to go is,' ngáke nungke le. This form is also often used for a simple present or future, as ngá kám zátke le, 'I will do the work,' (for zátle).
- 14. The verb leke, 'to be,' is used as an auxiliary in the formation of the present tense. It is only found in three forms, le, ále, and lesá. Of these le is the present; ále is strictly the future, but is used as a present and potential; lesá is used in affirmation. For the meaning of sá, see the chapter on expletives.
- 15. The infinitive ends, as will have been seen, in ke. This affix is the same as the affix of the dative case of nouns, and in this respect resembles the use of 'to' in English 'to go,' etc. In some cases a word in Magar is both a noun and verb, as lhing, 'sing,' and 'a song.' Here lhingke means both 'to a song,' and 'to sing.'

Section 6. The Advers

All nouns, whether substantive or adjective, may be used adverbially, which is the same as saying that where we in English would use an adverb the Magars use a noun, and this latter is the more correct way of putting it. By fitting foreign languages to the Procrustean bed of our own, we lose

much of their peculiar type. Instead of saying, 'he speaks well,' a Magar says, 'he speaks good,' or 'in a good manner.' Adverbs of manner, such as are expressed in English by the affix ly, as 'valiantly,' 'conscientiously,' and the like, are rendered in Magar by the phrase 'in a (valiant, conscientious, and so forth) manner,' and the adjective will be found in the Dictionary. Adverbs of time, place, quality, and quantity will be found there also, as well as in the comparative table under the section on pronouns.

The adverbs of quantity end in arangchü, which is a corruption of karangchü, 'great.'

Adverbs of place end in *la* or *lag*, which is probably the Tibetan *lag*, 'hand;' as we should say, 'on this hand,' or 'that hand.' It is noticeable that a final g appears in the pronounciation of these words before a vowel or ng.

Ex.: Ilag nguná, 'si there.' Hose kulag ále, 'where is he? On the contrary, ila raná, 'come here.' This termination is apparently connected with the affix lagi or laki, 'from,' which seems to be an instrumental case of lag, 'a hand.'

The adverbs of quality have a hybrid look, and appear to be compounded of the Sanskrit words *kas*, *tas*, etc., with the Tibetan affix to or tu, which is used as the sign of the locative case in that language, and also as an ordinary mark of adverbs.

The adverbs of direction end in te or the. I am in doubt as to the origin of this termination. The inquiry is attended with some difficulty, and as my object in the present paper is only to give such etymological notes as may help towards the general comprehension of the grammatical scheme of the language, I defer the consideration of this point till I have obtained data for the analysis of all the languages of this class.

The adverbs of time are pure Hindi, except shen, which is Tibetan.

Section 7. Conjunctions.

§ 1. There are few conjunctions in Magar. The construction of sentences is simple, and in keeping with the primitive and inartificial character of the language. The following are the principal, if not all, words of this class:—da, 'and;' da...da, 'and...also;' ra, 'and;' ki, 'or;' parantu, 'but,' 'however;' ma, 'no,' 'not;' (Tib. ma).

- § 2. 'If' is either not expressed at all, or inferred from the structure of the sentence. 'If I see him, I will tell him' would be expressed, oske dangle ra, khabar ahe, 'I shall see him, I will tell him.' Here ra is properly an expletive, and adds force to the idea of seeing; to make the idea more clear, a Magar would add the opposite contingency, "I shall not see him, I will not tell him.' In ordinary colloquial Hindustani, a similar construction often occurs, as dekhen, to kahenge, literally, 'I may see (him), then I will speak.' Much of course depends on the tone in which the sentence is uttered, and in a language which has no literature or written character, the construction of sentences seems always to proceed on the supposition that they will be spoken, and thus derive sufficient aid from the tone and manner of the speaker to make the meaning clear, without any great accuracy of expression.
- § 3. I do not give a separate section to interjections. They are so few as not to merit separate notice. A low grunt, or 'whew!' expresses surprise, assent, pleasure, and so forth. Ho, or Ho! Ho! is also used for affirmation, 'yes.' For the rest, the 'ahs' and 'ohs,' and the like, are common in Magar, as in all other languages.

Section 8. Expletives.

The syllables ra, na, sá, da, s, and mi, are used to add emphasis and for other purposes. I have called them expletives, because they have often no other meaning.

§ 1. Ra (probably a corruption of the Tibetan dang, a particle of affirmation)¹ is added to all forms of the verb, and appears to be simply emphatic, being inserted or omitted at the caprice of the speaker.

Ex.: Nga muling le ra, 'I was hungry (I assure you).' When added to nouns it is the same as da, 'and.'

By adding ra to the past tense of the verb a sort of indefinite

¹ Or from Tibetan rang, 'self,' 'very,' 'indeed.'

participle is formed, as bherdiára, 'having folded;' tagdiára, 'having taken aim.' I have not given this form among the verbal forms as it is not strictly one. It properly means 'he did, and —,' as in tagdiára ngápá, 'he took aim and shot.' This origin of the phrase appears, however, to have been overlooked, for it is now not considered incorrect to say bherdiára álhná, 'fold it up and take it away,' which literally would be 'you have folded it and take it away;' rather a singular construction.

- § 2. Na; precisely similar to the Hindi na or nu, from which it is probably borrowed. It has no special meaning, but adds a certain emphasis to a sentence. Any one who is accustomed to talk to the lower classes in India must have often noticed how, after a long sentence, an emphatic na or nu seems to complete the meaning. Thus the question chilti giyá? seems incomplete to the ear, whereas chilti giyá na? is complete and intelligible. I confess I cannot explain why; but to my ear, and certainly to that of the peasant, the latter of the two sentences seems more correct, as the former sounds abrupt and incomplete.
- § 3. Sá is only met with in the verb leke, 'to be,' as gipchü le sá, 'it is good.' The three forms of this verb are le, ále, and lesá. Of these the first requires no explanation; ále is properly a future, used as a present, chiefly, if not exclusively, in questions; lesá is the reply to ále.

Ex.: Su ále?—ngo bai lesá, 'who is he?—he is my father.'

§ 4. S is added to verbs in all forms, but only in the second person. I at first thought that this was a trace of conjugation, but I am now inclined to class it simply as an affix, because I observe that it is as often omitted as not. You may say nang nungle, 'thou goest,' or nang nungle-s. The most frequent use of it occurs in short sentences, as hi zátle-s, 'what will you do?' 'what are you doing?'

With regard to this expletive and ra, I found that the use of them was looked on as a characteristic of individuals rather than a necessity of the language. One of my interpreters, Juhur Singh, interspersed his conversation with them much more abundantly than the other; and when I enquired into

the matter, I was told, with much laughter, that Juhur Singh was a thegá wálá; in other words, that the insertion of these thegás or 'tags,' was a weakness of his, just as there are some Englishmen who seem unable to get through a sentence without saying, 'Don't you see,' 'don't you know,' and so forth.

§ 4. Mi is prefixed to words denoting parts of the human body, and is the Tibetan for 'man.' In a short vocabulary of Magar, I find 'head,' mitalu; 'nose,' minaha;' 'bone,' mirhos,¹ etc., etc., the fact being that the real words are respectively talu, náha, and rhos; as is shown, not only by the meaning of mi, but also by the fact that in speaking of 'my head,' a Magar would say ngo talu, not ngo mi talu. I have omitted this prefix from the dictionary.

SECTION III. SENTENCES.

The syntax of the Magar language is so simple that I have thought it better to insert the following sentences, instead of writing a separate chapter on composition.

It will be seen that any peculiarities in the construction of the sentences are explained in the foot-notes, and it appears to me that a better idea of the language will be obtained in this way, than by a long string of rules and exceptions.

These sentences were taken down accurately from the mouths of the interpreters; and each sentence has been repeated and gone over several times, to ensure perfect correctness. Our medium of communication was the form of Hindi spoken in Chumparun. It is possible, therefore, that some of the sentences may have been influenced by the idiom and artificial arrangement of the Hindi, but as I varied my form of words three or four times in reciting the sentence, and besides gave elaborate explanations and illustrations of the exact phrase I required, I trust the influence of the Hindi has been reduced to a minimum. The foot-notes are the results often of a very long conversation on each sentence, and I often proposed other ways of putting it, which were rejected by the

¹ Hodgson erroneously miryarus, which is used sensu obscano.

Magars as unidiomatical. The sentences, as they stand, may, therefore, in spite of their deviations from the rules in the Grammar, be relied on as faithful reproductions of the Magar idiom.

Trante ráná.

Nákun ila ráni.¹

Mhen rákho (rakhni, respectful).

Di rákho (rakhni, respectful).

Ngá di rákhle.

Ngá di rákhke nungle.

Di rakhá.

Nango ármin hi ále.2

Nango im kulale.3

Ngo im Tannung ále.4

Ite Tannung kurik los le.5

Dhere los le.

Banga dino lam le.º

Ngá⁶ álag nungke le.

Kánang imang' ráni.

Ngáke jyáke váni.

Hoska rupiya yáni.

Ise shing cheo.

Shing bhaso.

Ma chele.º

Ngá chữ cheke ma hekle.10

Come quickly.

Please to come hither, sir.

Bring fire.

Bring water.

I am bringing water.

I am going to bring water.

I have brought water.

What is your name?

Where is your house?

My house is at Tannung.

How far is Tannung from here?

It is very far.

It is five days' journey.

I must go there.

Come to my house.

Give me food.

Give him money.

Cut down this tree.

Cut up the wood.

I will not cut it.

I cannot cut it.

3 Kulale, contracted from kulag ále.

⁵ Le for ale. The final k in kurik is pronounced like g, and the s of los almost

like sh.

⁷ For Nga-ke. Case affixes are often omitted in long sentences. Nungke le. lit. 'to go it is,' i.e., 'I must go.'

⁸ Imang, lit. 'In my house,' we should say, 'into.'

10 Che le, 'I cut,' present, used with a future sense. There is much vagueness on the subject of time in the Magar mind.

¹ Nakun, respectful form of pronoun of 2nd person, takes the respectful form of the verb, rani instead of rand, which is used in commanding an inferior as in sentence 1.

² Lit. 'Of you the name what is?' The verb is generally placed last, however long the sentence, and personal pronouns first.

⁴ Lesá would have been more correct, but ále was probably used in consequence of its occurring in the question. Observe that Tannung has no affix. This is probably omitted, because Tannung-ang would sound badly, or in imitation of the Hindi idiom, e.g., ghar jáo, where ko is omitted.

⁶ Literally, 'Of five days a road (it) is.' The affix of the genitive is appended only to the latter of the two words ' five days.'

⁹ Jyáke, pronounced jaïke. ' to eat,' lit. 'give me to eat.' Here the affix ke, ' to,' common to nouns and verbs explains itself. Compare Hindi kháne ko do.

Nákun¹ kurik barkhá tsaná.

Hose achü² imang le.

As ma hakle.3

Tsanre tsanre sato.

Ma shele ngoĩchü.

Hike nang retá?

Nga sáthang nungke pasá.

Jai ki má jai.8

Långhang^o dulishke nungle.

Hose imlaki ráhang.10

Hi nge le.

Kanang bai shia.

Hose kam bhyámo nungá.

Kat kam satke ráhá.

Nyetke di kásnü 11 rákho.

Ghorake dána kásá ki má kásá.

Hosko kula nungle.

Hosko imang 12 nungle.

Hoskun långhang 13 kulag åle.

Pihin nahakun imang rahle.14

Ilag nguke gipahü ma le.18 Jaike bhya ki ma bhe.16

How old are you?

He is in his house.

It is not possible.

Work quickly.

I do not hear.

Why did you laugh?

Will you go with me?

Will you eat, or not?

I am going to walk in the village.

He has come from the house.

What do you want?

My father is dead.

Having finished the work, he went away.

I have come to work.

Water the cattle.

Have you given the horse grain or not?

Where are they going?

They are going to their home.

Where is their home?

I will come to your house tomorrow.

This is not a nice place to sit in. Is dinner ready?

- ¹ Ndkun is indeclinable. The sentence is literally 'To you how many years have been.'
 - There is no reflexive pronoun, lit. 'He of-him in-house is.'

Lit. ' that cannot (be).'

- 4 Transe doubled for emphasis.
- Personal pronoun put last for emphasis.
- Dative case of hi, 'what,' lit. ' for what.'
- 7 Lit. 'with-me to go has it pleased?' This construction is used because the question implies will, 'do you wish to go?'

 8 Short for jaile. Vide sec. 5, § 3, 4.

• For langhang-ang, the affix is omitted, perhaps to avoid repetition of sounds; but more probably because a Magar never inserts affixes, if he can make his meaning clear without them.

Vide Sect. 5, § 3, Remark 3. No Rahang, a form of the present. The affix ang is common to nouns and verbs, and means 'in,' rahang therefore is 'coming-Observe that the verb is almost uniformly placed at the end of the sentence.

11 Di káske, 'to feed with water.' In the next sentence, dána kásá, 'to feed with grain.' The sentence shows how much use is made of Urdu words in Magar.

After verbs of motion the affix in ang is often used.

14 See sec. 5, remark 1. Lit. 'Village.'

15 Lit. 'Here to sit pleasant not is.'

16 'To eat has been prepared or not prepared;' bhe contraction for bhyd, past tense of bhydke, 'to prepare.' This contraction is merely euphonic.

Tsánre tsánre bhyo.

Ngake lám tánaknü yoho.

Kose¹ lám ále.²

Taiyar tsaná.³

Ngoĩ chữ hirá má whárle.

Párchữ⁴ langhang bhurmi le.

Ngáke khasi mishia⁵ jaïke zeho.

Lhungo dewál kharálang káso.

Hola má whána, khorhále.

Káhek⁴ ngáke bhára yoho, ngá kam jatke le.

Iming chu chiknữ záni.

Achữ barhin puráno chyá¹ le sá.

Ngáke bal yani.

Make ready quickly.
Show me the way.
Which is the road?
It is ready.
I know nothing.
He is from another village.
Give me some goat's flesh to eat.
Make a wall of stone along the cliff.
Do not go there, you will fall.

Give me a day's wages, then I will work.

Turn the dog out of the house.

Turn the dog out of the house.
That man's clothes are old and torn
Help me.

He took away the money from me. Put the pot on the fire.

There is a fair in that village tomorrow.

Má; lashnü bhyá; 13 hike nungle.

Pihin ose langhang 10 bazar lash le.11

Kan chini⁸ rupiya khusnü álá.

Táolochuº chulá taking toho.

No, it is over, why should I go?

¹ Kose for kos or kus, 'which?' an emphatic s or i is constantly added to pronouns. It is a thegd or expletive, and is not essential to the meaning.

² Ale, not le or lesd, as it is a question. See chap. 1, sec. 8, § 3.

* Tranke differs from leke just as 'become' differs from 'be.'

* Parchü, i.e. 'from the other side' (to wit, 'of the valley'). All the Magar country being mountainous, a man from another village naturally comes across a valley.

⁵ Sign of the genitive omitted. See sec. 2, § 1, remark 2.

** Kahek, 'one day,' is apparently indeclinable. In this sentence it is in the genitive case. It is contracted or corrupted from kat, 'one,' and ek, which probably means 'day.' I cannot find in Tibetan any word which seems connectable with this according to any canons of relation of sounds. Nor does any word exist in the hill languages which is like this. The Tibetan zhag is the nearest. I incline to the idea that the word ek is an expletive or meaningless addition which has acquired by habit the sense of 'day.' If any one should object to the word 'meaningless,' I would remind him that in the Turanian family there exist many generic affixes which are really of no use to the general meaning of the sentence but merely serve to mark the class of objects to which the word belongs. This is one of them. They say nisek, 'two days,' etc., though the word for 'day' is din in Magar.

7 Past tense of chike or cheke, 'to cut, tear.'

8 Chini here evidently means 'from.' It is, however, the only instance I have found of its use. It has a suspicious resemblance to the Hindi chhin lena, 'to take by force.' It would be too much to assert, however, that this was the real origin of it.

⁹ Chü is here quite an expletive, and used similarly to ngoï chü. Perhaps something in the original meaning of the word may account for its having this quasi-

adjectival form.

10 Affix ang omitted.

11 Lash le, literally Hindi lagta hai, which is quite untranslatable.

12 Lit. 'Having occurred it is completed,'—Ho chuka, Hindi idiom again.

Kam olá ki má olá.

Nga ngo barhin ngele.

Nango asbáb álná.

Ngáke ásate dimo kherchü¹ (or bhogdishū.)²

Nongi dángchü kurik bor tsaná.3

Ise chitti nga kháta le.

Nákun kháta le-sá; bariá tsaná.4

Kute ráhá? Kuchi ale birinchū.5

Pihin kat uttara yámo ákáhe.

Kan bhai moto zátnū, uttara birnū ákáhe.

Nakun hi kámang ráhá.

Kurik dinang tá ráhá áte.

Kahekang tá ráhá.

Murungi diá, Tsohin kherná, má nungas dereng detachů le.8

Khernang khernang mhungone, nguke yoho.

Shen uttar' álke le.

Trohin ngá naº nunlang.

Is da yoho, nga da yoho.

Dher beri ngahá ngá ma le phir.

Hola nungnū ngosni hi zatone.

Ite má dángle.10

Nahakoi kam zatke hekchū má le.

Som zana khatnū kam zatni.

Kos bhurmi ke bhira nungá.

Kochū sátá.

Ngo barhin ma khátá (or khátone).

Is the work finished or not?

I want my clothes.

Take away your goods.

Fearing he would beat me, I fled.

How often have you seen it.

Is this letter for me?

It is for you.

Where did it come from? Who sent it?

To-morrow I will give an answer.

Having consulted my brother, I will send a reply.

Why have you come?

In how many days have you come from there?

I came in one day.

The master said—'If you do not go quickly, you will be beaten.

I am tired with running, let me sit down.

When will you take the answer?

I will go at once.

Give both to him and to me.

I have spoken often, I will not speak again.

Go and see what they are doing.

It cannot be seen from here.

You cannot do the work.

Let three men do it together.

What man was sent?

Who was killed?

My clothes cannot be found.

- Lit. 'Me he will beat,' having-said I fled. See sec. 5, § 3, remark 9.
- 3 Bhogdishü is for dishchü.

By you seen, how many times was (it).' Cf. p. 208, note 3.

- 4 The words barid tsand are a sort of optative form, 'May it be propitious.' This word barid appears only to be used in this phrase: it probably is a corruption of the Hindi bhald.
 - ⁵ See sec. 5, § 3, remark 9, example 3.
 - ⁶ Future of kahke, 'to place.'
 - 7 Lit. 'You do not go-then.' See sec. 7, § 2.
 - * See sec. 5, § 3, remark 10.
 - Expletive.
 - Literally, 'From here (one) sees not.' Dangd is also used.

Vol. IV.—[NEW SERIES.]

Nahakoi kulag ngumone.

Alág ngunang janmo disiū (or disá)

Ngo janmo thát hola na ale ngo baba ko holo nguná nesá.

Sipahiko² kam zátke whárle.

Nang hi kam bhog disá.3

Náhakoī bhogdishnü nungle, phir ghomo rákhle.

Suo thor khosá.5

Ngoichū ma whárle, sura má khosá.

Hose dhut tsanchū kurik din tsaná.

Nisek tsaná.

Hoske má sátni, rakchū parantu má dáso.

Hose khushi khátá ma ráhá derheng, hut cháknü rákhni.

Pihin ádi hukm.

Hike nang ris khemones.8 (or khyá).

Ngå muling lerå, hose khata jaške nyemone.

Hose má yaha.

Where do you live?

I have lived there all my life.

That is my native place, and my father lived there.

Do you know the work of a soldier?

Why did you run away?

If you run away, you will be caught again.

Whose bullocks were stolen?

I do not know, I did not steal any.

How long ago was it?

Two days ago.

Do not beat him, but do not let him go.

If he will not come quietly, tie his hands.

To-morrow I will give orders.

Why have you committed the crime?

I was hungry, and I asked him for food.

He would not give [me any].

I Lit. 'Of me the birth there indeed was; of me the father living was.' No is an expletive: see chap. 1, sec. 8, § 2. Ale, though really a present, is here used for a past, there being no past tense of leke, 'to be;' in the same way lesd at the end of the sentence, which, probably from the influence of the preceding nasals, is pronounced nesd. Ko is a generic appellative added to nouns signifying relation. This is a strictly Turanian characteristic, and is found in Tibetan, Chinese, and the Hill languages in a far more elaborately developed form. Ngund is for ngu with the expletive na; the phrase ngund nesd is a longer and fuller form for ngu le.

² See chap 1, sec. 2, § 4 (c).

3 Bhogdisa, past tense of bhogdishks. Verbs ending in ishke or dishke have a

frequentative sense; also generally convey the idea of motion.

Lit. 'You having-fled go, again having-caught he brings.' The idea of 'if' is not expressed, being involved in the general idea of the sentence. See chap. 1, sec. 7, § 2. There is no passive, consequently the phrase, 'You will be caught,' has to be expressed by '(some-one) catches you.' See chap. 1, sec. 5, § 3, remark 10.

5 Khosá, lit. 'he stole.' Passive again expressed by active.

Lit. 'That event happening, how many days were.' See sec. 2, § 3, rem. 9. 'Two-days were.'

8 s. thega. See sec. 8, § 4.

⁹ Khata is lit. 'with.' This sentence seems modelled on Hindi us se manga, where se = 'with' or 'from.'

Nábi hose imang táhamone, ra galam bhasnū bhítarí nungá hochü tsura patta khusnū rákhlesa.

Ise páli dasnű yáni, phir ise kám zátke má le.¹

Ichū khuseo malo² nis ber táke le,3 kat barka kaidang mingke dinles.4

Ngáks karangchū sásana yáhá, ngo zázáko jyáks báhir shi le.

Hi toba? Patta khuske sazá zatke párdile.

At night I went to his house, and having cut a hole in the wall, I entered and stole all his grain.

If you let me off now, I will not do so again.

You must pay double the value of the property you have stolen, and you will be imprisoned for one year.

This is a hard punishment, my [wife and] children will starve.

Who cares? All thieves must be punished.

VOCABULARY.

H. Hindi; A. Arabic; P. Persian; T. Tibetan.

A

A, art. kat (one).

Abandon, v. dáske, dásnü y-(T.das).

Able, adj. hekchü.

Able, to be, v. hekke.

Above, pr. taking (aff.), adv. dhem-lag.

About, pr. kháta (aff.).

Abuse, v. (to use bad language), lobhi dike.

Ache, s. dard, dhúţ.

Ache, v. dhut tsánke.

Accompany, v. khata whánke.

Accuse, v. firyad z- (with aff. taking) (P. فِرياك).

Act, v. zatke-khete.8

Action, s. kám (H. काम), dhúṭ.

Active, adj. kám zátchü, mihnati.

Add, v. see "Join."

Adore, v. pújdike (H. पूजा), púdike.

Adorn, v. bhuke, bhúsná y-.

Advance, v. nháslak sarishke.

Adze, s. basulá (H. वस्सा).

Lit. 'to do it is not,' this form is used instead of the regular future, to convey a sense of absolute certainty—'to do it is not (possible or to be thought of, etc.)'

Of that stolen property.' Khuse-o is, I fancy, a genitive of the present tense, thus khuske = 'to steal;' khus-le = 'thou stealest;' khus[l]e = id. gen. khuse-o. Vide sec. 2, § 3, for remarks on the general declinability of every root in Magar, indifferently as a noun or verb, or both at once as in this case.

3 'Twice to put down it is (necessary).'

4 Dinles, (from dinks, 'to find,') 'you will find,' i.e., 'will have to,' construction im tated from Hindi use of pana, as baithne paoge, 'you will have to sit.'

Lit. 'What regret?' toba is the Arabic word so common in Urdu.

Patta is put first for emphasis. 'All thieves,' etc. Ordinarily it would come after khus.

7 Pardile, 'it is proper.'

To commit a crime: riskheke.

Affair, s. dhút.

After, pr. nhun ldg, used both of time and place.

Again, adv. phir (H. TT), (T. phir).

Age, s. no word, they say kurik barká tsaná, how many years have passed (to you); for: how old are you?

Aged, adj. burhásiü (H. चूड़ा with T. thse?).

Ague, s. kam dearo (H. वारा).

Aid, v. moto x- (H. मति); bal y- (H. ब्रह्म).

Aid, s. bal, madad (P. مدد).

Air, s. tunyál, tsáro, nyamsu (T. nyimasu, lit. sun-place).

Aim, s. tág dike, tagdimo ngápke.

Alarm, v. biriá y-, birike.

Alarm, s. biriá (T. bre').

All, adj. patta, patto.

Allow, v. yáke (i.e. to give, as देना is used in H.).

Alone, adj. lákat, milákat (M. compound of lá side and kut one).

Along, pr. (by the side of), ang (aff.).

Alter, v. thetke, thet rákhke.

Always, adv. hardam (P. هُرِدُم). And, c. da, ra (T. da, dar).

Anger, s. ghussu (A. مُصَدُّ), rhis.

Anger, s. ghussu (A. Lac), rhis. Angry, adj. rhischü.

Animal, s. jiwát (H. जीवत्).

Ankle, s. goli gáthá (H. गोसी-गाया, round joint).

Anklet, s. kali, hánri, hadá.

Annoy, v. dikk z- (A. ينق).

Annoyed, to be, v. dikk le dike (i.e. to say, it is a trouble).

Another, adj. párck# (lit. opposite).

Answer, s. uttara (H. उत्तर).

Answer, v. uttara y-, or uttaar birinke.

Ant, s. mhár (P. هور); white ant, gara (T. gro'ma).

Anyone, pron. sura, suro.

Anything, pron. hira.

Apart, adv. farak (مرق مرق), losk.

Ape, s. laku, phorzochu.

Appear, v. dángke, pherke.

Appearance, s. dángá.

Apple, s. shoü (P. سيب, in H.

Apply, v. (ask for) nyeke, (as a bandage) molke, (in a general sense) le dike.

Approach, v. ráhke, táke.

Approve, v. man (H. स्न), paske, (they say ngo man pasone, lit. 'it reaches my mind,' for, 'I approve of it.'

Arable, adj. bári, hyá (see Field).

Arise, v. soke.

Arm, s. pákhurá.

Arm-pit, s. kákhi (H. व्हाख), gá-lap.

Around, pr. ás pásang (H. आस-पांस), kherep.

Arouse, v. sotakke, ngákakke.

Arrange, v. káske.

Arrest, v. ghoke.

Arrive, v. táke, tá ráhke, tárhke (corruption of the last preceding verb).

Arrogant, adj. jarkat.

Arrow, s. kánr (H. T) myá, (T. mdá).

Artisan, s. karm! (H. वर्सी).

As, adv. josto, as . . . so, josto tosto.

Ascend, v. kálke, kálhke (T. kal). Ashamed, adj. kharak chü.

Ashamed, to be, v. khárakke (T. khre'.)

Ashes, s. rháp.

Asleep, adj. mischü.

Ask, v. ginke, sodke (T. shod).

Assist, see Aid.

At, pr. ang (aff.).

Attack, v. sátke ráhke (lit. to come to hit).

Avarice, s. lalachi (H. للجي), nondo.

Avoid, v. kherke.

Awake, to be, v. soke (T. srung, pr. sung, to watch).

Awake, adj. sochü.

Axe, s. árui.

\mathbf{B}

Baboon, s. dhedua.

Back, s. tzhang.

Back, adv. pher (H. फीर).

Bad, adj. ma shechü, ma gipchü, ma zabchü (lit. not good, not pleasant, not right).

Bag, s. thaili (H. चेनी).

Bake, v. phinke.

Bald, adj. tháp.

Ball, s. goli (H. गोसी).

Bamboo, s. huk (T. myug, pr. myug).

Bandage, s. (worn round the legs

by Bhotias, not by Magars) motso, dotso, dotsá.

Barber, s. náü, hulchü.

Bare, adj. nanga (H. जंगा).

Bark, s. (of a tree), bokrá.

Barley, s. tzaï (jai, H. 3).

Basket, s. dháli, dhikiá, giring, gyü.

Bathe, v. hurke, reshke.

Battle, s. lardi (H. GGIE).

Be, v. leke (T. lags, pr. la'i), tsánke.

Become, v. teánke.

Beam, s. (of a tree), takhta (P.), shing.

Bear, v. (carry), álhke, bátke, kohke; (bear children), záke.

Bear, s. bhálá (H. भाष्).

Beat, v. detakke, sátke (T. sod), chike (T. shig), cheke.

Beautiful, adj. shechü.

Bee, s. tsáka.

Beehive, s. shing ghes (lit. tree-wax).

Before, pr., nháslak, ngáslak.

Beg, v. nyeke, ngeke (pres. ngange, imper. nyoho, ngoho, past ngáhá).

Begin, v. árambhe zátke, laske (lit. to attach, adhere; 'It began to be;' lake lasone, i.q. Hindi hone lagá).

Behind, pr. nhunlág.

Believe, v. no word; they say, 'I think it is true.'

Belly, s. tuk (T. lto, pr. to).

Belong, v. no word; they say, 'It is to me' ngáke le, for, 'It belongs to me.'

Beloved, adj. re, piyare; see To love.

Below, pr. mháglág.

Belt, s. potoká.

Bend, v. árjakke.

Beneath, pr. mhoïking (aff.)

Benefit, s. phal (H. प्रज्ञ).

Bent, adj. árjakchü, terhá (H.).

Berry, s. genrá.

Beside, adv. kherep, khátá (aff.).

Besides, adv. siwái (H.).

Between, pr. bich (H.).

Bewitch, v. jokhaná z- (with aff. ke).

Beyond, pr. pár, párchü.

Big, adj. karangchü.

Bind, v. chyakke, chekke (T. ching).

Bird, s. gwhá (T. wye); birds generally, tsara-tsaringi.

Birth, s. janmo (H. ज्या).

Bit, s. (piece), tukrá (H.), of a horse, kaziyá (H.).

Bitch, chü-mán (T. chhimo).

Bite, v. syakki jikke (lit. "cut with teeth").

Bitter, adj. birichw.

Black, adj. chikchü.

Blacksmith, s. kámí (н. कामी).

Blame, s. nindá (H.).

Blaze, s. mhen (lit. fire).

Bleed, v. hiú rahke, or laske, or paske.

Blind, adj. no word; they say, 'he does not see,' má dangone.

Blood, s. hiú.

Bloom, v. sar shyáke.

Blow, v. (as the wind) ráhke (lit. to come, e.g. 'the wind blows,'

namsu rahle); with the mouth, mhut ke (T. bud).

Blue, adj. nílá (H. नीसा).

Blunt, adj. ma retchii (lit. not sharp).

Board, s. (of wood), pirá, pírhá.

Boast, v. no word; they say, 'to talk big.'

Boat, s. dong (H. होंगा).

Boatman, s. malláh (P.), mánjhi (H.).

Body, s. no word; they say, tuk tzhang, i.e. back and belly.

Boil, v. pinke (lit. to cook).

Boil, s. dsungmá (also, a sore of any kind).

Bold, adj. bholiü.

Bolt, s. kam, gazwár, tuni.

Bolt, v. kam y-.

Bone, s. rhús, ros (T. ruswa).

Book, s. pustak (H. पुस्तक).

Born, to be, v. janmo tsanke (H. जनम्).

Borrow, v. rini lake (H. रिन्, or T. rin).

Both, pr. no word; they use nis, i.e. two.

Bow, s. hángá.

Bow, v. no word; the Magar stands upright and salutes with the hand to the forehead.

Bow, s. dhanuk (H.); bow-string, tándo.

Bowels, s. tuk (lit. belly. I question if the Magar is aware that he possesses bowels).

Box, s. sundúk (A. صندوق).

Boy, s. zázáko, lenzázá.

Bracelet, s. tsuri, tsurá (H. चुरा).

Brain, s. no word.

Bran, s. taptá, bhús (н. सुस), dulo.

Brass, s. pital (H. पीत्रज्).

Bread, s. no word; the thing itself not used.

Break, v. bhaske.

Breast, s. chháti (н. क्राती); woman's, dúd.

Breath, s. swán (H. सांस).

Breathe, v. swán laske.

Breech, s. puţá, tsak.

Breeches, s. salwar (P. شلوار).

Bribe, s. ghús (н. घुस).

Bribe, v. ghús y-.

Brick, s. int (H. द्र).

Bridge, s. sangho (T. zam), jalanghá.

Bridle, s. lagám (p. んじ).

Bright, adj. jhalak (н. सुनक्).

Bring, v. rákhke.

Broad, adj. gaz (P. گر).

Brother, s. bhai (H. HT).

Brow, s. mikpus.

Bruise, v. ngukke.

Brush, v. jhár dike.

Bud, s. sár (lit. flower).

Buffalo, s. (male) rángho, merhang lochü (lit. long horns); female, bhainsí (H. भेंसी).

Build, v. káske (T. kas).

Bull, s. thor, phor.

Bullet, s. goli (स. गोसी).

Bundle, s. kumlo, gantá.

Burden, s. bhosa, bojhá (स. बोझा).

Burn, v. (as fire) mhútke (T. bud); burn the dead, tooke (T. tsos, pr. tsoi). Business, s. kám (H. वास).

Busy, adj. kám zatchü.

But, adv. parantu (s. प्रन्त).

Butterfly, s. whámá.

Buttock, s. tsák.

Buy, v. loke, lomo rákhke (T. nyos).

By, pr. (near) ang (aff.), khúta (aff.); by means of, -i (aff.).

C.

Calf, s. bachá (н. बचा), of leg, tikrá.

Call, v. árgake, árgamo rákhke, yetke.

Camp, s. bás (H. वाशा).

Can, s. (lotah) boghná.

Can, v. (be able) hekke.

Cane, s. rí.

Carve, v. (engrave) bhuto bhardike.

Cap, s. topi (स. टोपी).

Capture, v. ghoke.

Care, s. tsanká.

Care, v. tsanké, tsannü z-.

Careful, adj. tsannü.

Carpenter, s. karmí, shí-karmi.

Carry, v. kohke (T. kyur), bátke, álhke.

Cartouche, s. kártús (English thro' H. كارتوس).

Cast, v. loke, lomo y-.

Caste, s. thar.

Castle, s. garhí (H.)

Cat, s. suthu.

Catch, v. ghoke.

Cattle, s. nhyet, thor nhyet.

Cause, v. yake (lit. give), zatke (lit. make).

Cause, s. (no word).

Cave, s. orárh.

Chaff, s. taptá, bhús (स. भूसा).

Chain, s. (for prisoners) sanglá, (as an ornament) galphandá (H.), nel.

Chain, v. sanglá y-.

Chair, s. mez (P. ميز).

Challenge, v. táli y- (H.)

Charm, s. (incantation) jokhaná
(H.)

Charm, v. (bewitch) jokhaná y-, or ngoske, (please) man paske.

Chase, v. (hunt) geshke.

Cheat, v. thag dike, dhát dike.

Cheek, s. gál (н. गास).

Cheerful, adj. khush (P. خُوش).

Chew, v. syákke jigke (lit. to bite).

Chicken, s. leiná.

Chief, s. murung.

Child, s. zázáko; familiarly, nani.

Chip, s. bháske.

Chisel, s. rámbho.

Churn, v. kháná káske.

Clean, adj. bochü.

Cloth, s. barhin.

Clothe, v. bilhke, pahrke.

Cloud, s. bádar (н. बाद्स्).

Cloudy, adj. bádar sargá.

Coat, s. ángí (H. आडूरी).

Cock, s. gwhá bha (t. bya-ba).

Cold, adj. jungchü, zungá, chisú, chisá.

Collect, v. botol dike (? н. batorná).

Colour, s. rang (P. زنگ).

Combine, khatke.

Come, v. ráhke, tárhke (imper. ráni).

Comfortable, adj. gipchü.

Command, v. hukm dike, hukm y-.

Companion, s. lápha (M. lá 'side,' pha 'person').

Complain, v. firyad z- (P. فرياك).

Complete, v. purá z- (H. पूरा).

Condemn, v. sásaná z- (H.)

Consult, v. moto z-.

Cook, v. phinke.

Copper, s. tambá (н. तास्ता).

Cord, s. rassi (H. रस्सी).

Corn, s. gerá, nári.

Cost, s. bháo (н. भाषी, भाष).

Cover, v. bohke.

Cough, v. suke (T. su').

Count, v. hilke.

Country, s. langhang (lit. village), des (H.)

Courage, s. bhola.

Courageous, adj. bholiü.

Cow, s. nhyet, nyet.

Coward, s. birichü, khapkurchü.

Crime, s. ris, rhis (emphatic).

Crop, s. (no word).

Cruel, adj. dukhi (н. दु:खी), sá-saná (н.)

Cry, v. rhapke.

Cunning, adj. tsanná.

Custody, s. kaid (A. قيد).

Custom, s. tsál (н. चास).

Cut, v. chike (imp. cho) (T. chod, pr. cho'), detakke.

D.

Dagger, s. kardá (P. كارد).

Damp, adj. nhurü.

Dance, v. shyáke.

Daughter, s. mahazá zá.

Day, s. din (H.) nyamsin, ek (in composition only); to-day, chini (T. nyi with chü prefixed).

Dawn, s. gorak.

Dead, adj. shía.

Dear, adj. role, piyaro (H. पियारा).

Death, s. (no word).

Debt, s. rhin (H. 行可 or T. rin).

Decay, v. gitke.

Deceive, v. țag dike (н. ठग).

Deep, adj. lupchü.

Deer, s. kíse.

Delay, s. deri (H.)

Delay, s. deri z- (H. देरी).

Delight, s. man paske.

Demon, s. bhút, pisáchi (н. पिशाच).

Den, s. orárh.

Depart, v. sarishke, nungke.

Descend, v. mháglag ráhke.

Desire, v. chahá dishke.

Despair, v. udás l-.

Destroy, v. nás z-, kharáb z-.

Dew, s. namzás.

Die, v. shike (imp. shina, used as a term of abuse) (T. shiba).

Different, adj. pharak (A. فرق).

Dig, v. kohke.

Dirt, s. rish.

Dirty, adj. rishyü.

Dish, s. tháli (н. चाली).

Dishonest, adj. thag (н. ठग).

Distil, v. bátke.

Distance, s. los, losh, dúr.

Divide, v. pungke, pungnu y- (T. phung).

Do, v. zátke (T. dsad); to be done, olke (it is done = ho chuká) olá.

Doctor, s. ngochü, baid (H.)

Dog, s. chü (T. khyi, pr. chhi).

Door, s. galam, (T. [s] go; perh. with lam, 'road,' added).

Double, adj. (no word; nis, 'two, is generally used).

Doubt, s. dubdá (H.).

Down, pr. mháglag.

Dream, v. mhángnang dangke.

Dress, bilhke.

Drink, v. gáke (imp. goho); get drunk, mhorke.

Drinkable, adj. gáchü.

Drive, v. bhusakke, bhusaknü y-, wháshke.

Drown, v. tháke (imp. thaná).

Drunk, adj. mhorá.

Dry, adj. tsoká, tsohaká.

Dry, v. tsohakke (imp. tsohakna).

Dumb, adj. lútá.

Dusk, s. (no word).

Dwell, v. nguke.

Dye, v. rang dike (P. رنگ).

E.

Each, pr. kat kat.

Ear, s. kep, nakep.

Earring, s. karnphúl (H.) giü, chipte gyü.

Earth, s. jhang, zhang, jyá (T. jhi, jhing).

Ease, s. árim (? P. árám []).

East, adj. púrb (н. पूर्व).

Easy, adj. árim (I am uneasy, árim ma lesá).

Eat, v. jyake (pr. jaïke, imp. jo, jyo, jyani (T. za).

Eatable, adj. jaïchü, jyáchü.

Egg, s. andá (H.) rhu.

Eight, v. áth (derivatives, eighty etc.. as in Hindi).

Eject, v. chikke, chiknü y-.

Elder, adj. burha, jéth (н, बूढ़ा, बेठ).

Elephant, s. háthi (H.); young elephant, tsáwá.

Eleven, s. igára (н. द्वार्ड).

Empty, adj. morling, muling.

Empty, v. morling z-.

Encampment, s. bás (म. बास).

End, s. ant (н. चन्).

Enemy, s. bairi (H. बेरी).

Enjoy, v. khúsh l- (P. خوش).

Enough, adv. bas (P. بس).

Enter, v. bhítarí nungke.

Entire, adj. pattá.

Entreat, v. nyeke.

Equal, adj. barabar (عرابر).

Escape, v. kherke (vide fly).

Even, adj. khata.

Even, adv. ra (aff.).

Evening, s. sánjh (H.) nabilam (lit. road of night), nammará (lit. day-sinking).

Every, adj. patta, patto.

Evil, adj. ma sechü (vide bad).

Ewe, s. bheri (н. भेड़ी).

Exact, adj. kataï, katechü (lit. agreeing).

Exactly, adv. kataï (fr. kat 'one').

Except, adv. siwái (म. सिवाई).

Exclaim, v. árgake, sárhe hák pardike, sárhe chákke.

Explain, v. bujho dike (н. बुद्धाना).

Express, v. (as oil, etc., in a mill) chipke).

Eye, s. mik (T. mig).

Eyebrow, s. bhuin (H.) mik pús, point on ditto, bhobat (s. विभृति).

F

Face, s. nyer (T. ngor).

Fact, s. artung, dhút.

Fail, v. ma hekke.

Fair, adj. sechü.

Fair, s. bázár (P. بازار).

Fall, v. khoráhke (imp. khoráhná) khorhke.

Fallow, adj. banja (H. 411).

False, adj. lutzá.

Falsify, v. dhad dike.

Family, s. zazako (lit. children like (н. बास्बचा).

Fang, s. syak.

Far, adj. los, losh.

Fast, adj. khernü (lit. having run); fast!, int. tsánre tsánre.

Fat, adj. deshü, dheshü.

Father, s. bai (T. pha).

Fault, s. pyal (A. فعل).

Favour, s. dayá (н. द्या).

Fear, v. birike (T. bre').

Fear, s. biriá (T. id.)

Feed, v. (trans.) káske; (intrans.) jyáke (T. za).

Fell, v. (a tree) phushke, chakke.

Fence, s. berhá (н. बेद्रा).

Fetch, v. álhke, álhnu rákhke.

Fetter, s. nel.

Fever, s. járá, tap (н. तप).

Few, adj. thore (H. 377).

Field, s. hyá (irrigated), bari (not irrigated).

Fight, v. punke(T. phang, 'to hurt.')

Fight, s. (expressed by the verb).

Fill, v. zápke, zápnu y-; gápke (used of water only).

Find, v. khátke (used intransitively like Hindi milná).

Finger, s. ungli, angulá (н. उंग्सी, पंगुसा).

Finish, v. olke, bhyake (T. byas).

Fir, s. gyáng shing.1

Fire, s. mhen (T. me), (pr. as though written in H. ?).

Fireplace, s. mhenártung (contr. into myártung).

Firewood, s. mhenshing.

Fish, s. disiá; the following are names of various kinds of fish found in the rivers of Nepal: sahár, ter, gardí, bodí, hile, jingá, tongri. I am unable to identify any of them.

Fisherman, s. digeschü (con. into digeshiü).

Fist, s. mhúrki; blow of fist, ghussá (H.)

Five, s. bangá.

Flag, s. nishan (P.)

Fiay, v. tsálá donü y-.

Flesh, s. mishiá.

Fiower, s. sár.

Flower, v. sar shyake.

Fly, v. kherke.

Fly, s. jingma, mos, dans (H.).

Fold, v. bher dike (H. फ्रेंर).

Food, s. jaïke (verb used as subst.) (T. jas, pr. jai).

Foot, s. hil.

For, pr. *ke* (aff.).

Ford, s. jingár, jangár.

Forehead, s. mitár.

Foreign, adj. pardesi (H. पर्देसी).

Forest, s. shing artung (lit. wood-place).

Forget, v. yád ma le.

Forgive, v. daske (lit. let off), dayá z-.

Formerly, adv. kangles, miles.

Forsake, v. daske.

Fort, s. garhi, kot (н. गड़ी, बोट).

Forward, pr. nhaslak.

Four, n. buli.

Fowl, s. gwhá (T. wya).

Fraud, s. dhad.

Friend, s. lapha, piyáro (H. WIT).

From, pr. lag (T. lag, 'hand').

Front, s. nhaslak.

Fruit, s. áp.

Fruit, v. áp shyáke.

Full, adj. pingno.

Fur, s. phum.

 $G.^2$

Gather, v. botol dike (? H. बटोर्ना).

Get, v. dinke.

Gift, s. dán (H. ट्रान).

Ginger, s, chebo (T. lcha-sga, pr. che-ga).

Give, v. yáke,

Girdle, s. potoká.

Girl, s. mahazá, árnum.

Glad, adj. santokh.

Glue, v. jordike.

Go, v. nungke (imp. nungua), anke.

Goat, v. khassi (H.), rhá; she-goat,

¹ Shing means tree, and is added to the distinctive names of all sorts of trees.

³ About this letter my store of words begins to get scanty, as my Magars left me when I had got as far as F in a regular alphabetical enquiry for words. Henceforward I can only give the words I picked up in the course of my first series of lessons, which were chiefly directed to the grammar.

rhámán (T. ra-pho, a he-goat, ra-ma, she-goat).

God, Bhagwán (H. भववान्).

Gold, s. gyú.

Goldsmith, s. gyudupchü.

Good, adj. sechü.

Goods, s. asbáb (A.).

Grain, s. gera.

Granddaughter, nátin (म. नातिन).

Grandfather, s. baju.

Grandmother, s. boju.

Grandson, s. náti (н. नाती).

Grasp, v. ghoke.

Great, adj. karangchü.

Green, adj. haryo (H. TT).

Grind (to), v. záţa-dike, sang-dike, ngukke.

Grindstone, s. zhaṭa, sang (p.

Gum, s. khoto, dhup (H. كالله).
Gun, s. banduk (A. بندوق).

H.

Hail, s. jhirlang.

Hails (it), v. jhirlang pasle.

Hair, s. chhám.

Half, adj. ádhá.

Hand, s. hut, hutpiak (T. phyag-pa).

Handsome, adj. sechü.

Hang, v. chilokke, chiloknü y-.

Happy, adj. santokh (H. सनाया).

Haste, s. tsánre.

Haste, v. kherke, tsohin, nungke.

Hate, v. má khátke (lit. not to mix).

Have, v. leke, with dative.

Head, s. talu.

Healthy, adj. santo.

Headman, s. (chief of a village)
mukhia (н. स्वी) thári.

Hear, v. sheke (T. she', to perceive).

Heart, s. gin (? T. nying).

Heir, s. apotali.

Help, v. bal y- (н. वज्र).

Hen, s. gwhá-mán (r. bya-mo, pron. ja-mo).

High, adj. ghángno, ghangchü.

High (to be), v. ghanke.

Hill, s. daņrá, range of hills, daņra-kaņrá.

Hire, v. bhára z-(H. HTT), konráz.

Hog, s. whak (T. phag).

Hold, v. chepakke.

Hole, s. orárh.

Honey, s. mwhai (lit. sweet).

Hope, s. ás (н. चांस).

Hope, v. ás zátke, ásra take (н. সাহায).

Horn, s. rhang.

Horse, s. ghora (н. घोड़ा).

Hot, adj. ukhum.

House, s. im (T. khyim, pr. chhim).

How? kosto, kuto, how many? kurik.

Humble, adj. marchü, rito.

Hunger, adj. tuk resiá (lit. belly-pain).

Hungry, adj, muling (lit. empty).

Hunter, s. geshiü, ahira (H. चहरी).

Hunt, v. geshke.

I.

I, nga, ngoï, ngachü, ngoïchü (т. nga, ngos, pr. ngoi).

Idle, súkhi (н. सूखी, lit. happy). If, conj. see Sec. 7, § 2. Ignorant, adj. ma pherchü.

Ill, adj. ma santsa.

In, pr. ang (aff.) prep. bhitar (н. भीतर).

Industrious, adj. kádzü.

Iron, phalam.

Is, v. le, lesa, ále.

J.

Jackal, s. shila, shyál (H. आख). Jail, s. kaid (A. قَيد).

Jaw, s. kanphar (? H. गस् फटांग्).

Jewel, s. bhúshan (н. भूषण).

Join, v. jor dike (H. वोर्गा).

Joint, s. genr.

Journey, s. lam (lit. road).

Judge, s. bichari (H. विचारी),
kází (A. قاضي). In the central
and eastern Himalayas, the kazi
is also a revenue official armed
with great powers.

Just, adj. dharmi (н. धर्मी). Justice, s. dharm (н. धर्म).

K.

Keep, v. dake (imp. doho).

Kettle, s. taolochü.

Kick, ngápke, láti ngápke.

Kid, rhá-páta (comp. of т. ra, goat, and н. पाडा, id.).

Kill, v. detakke, satke (T. sod, sad).

King, s. raja (н. राजा).

Kiss, v. mwhain zatke (lit. to make sweetness).

Kite, s. molo (bird).

Knead, v. jheke.

Knee, s. gopra (H. नोंड्र).

Knife, s. hezá (the Nepalese kukri), kardá.

Knock, v. satke.

Know, v. wharke.

L.

Labour, s. kám (н. वास).

Lame, adj. lulia (H. 黃朝, but in H. also applied to weak hands, a disease of marshy districts).

Lamb, chatorá.

Land, s. bhúm (H. भूमि).

Laugh, v. retke.

Language, s. bhákhá (н. भाषा).

Law, s. hukm (م. حكم).

Lay, v. tohke.

Lead, s. shisha (H. شيش).

Leaf, s. lhá, milhá (T. lo-ma).

Leap, v. phalkake, phalakke.

Learn, v. pake (imp. poho).

Leave, v. daske (T. das).

Leech, s. láwat.

Leg, s. hil.

Lend, v. rini yake (H. रिन्), sápatti y-.

Letter, s. chițți (स. चिट्टी).

Lick, v. lhakke (T. lhag).

Lie, v. (lie down) shiletke; speak falsely, dhád dike.

Lie, s. dhád, dhát.

Life, s. jia (н. जीवन).

Light, adj. tyawongchü.

Light, s. rap.

Light, v. zurke, dzurke (kindle).

Lightning, s. bijli (H. विजयो)

kesa (T. (8)prin-(8)kes, i.e. cloud

produced).

Like, adj. khachi.

Lip, s. burlin.

Little, adj. marchii.

Live, v. jiamone l-, jiake, jake (T. tse).

Lizard, (large) maoshulü, (small) chepárá, re.

Load, s. bhar (H. भार).

Load, v. (a gun) bhár dike, (a beast, etc.) bhosakke.

Long, adj. lochii.

Look, v. ngoske.

Lose, v. mhatke.

Lotah (brass pot), boghná.

Louse, s. shig (T. shig).

Love, v. homke, roke (T. ro, love, and (s)bro, to love).

Lucky, adj. sheshü, dasti zatchü (P. كُستى).

M.

Mad, págal (н. पागस).

Maiden, drnam (from sixteen years of age and upwards).

Maize, galapchü.

Make, v, kaske, zatke, bheke (T. bye').

Male, adj. lenzá.

Man, bharmi, bhurmi (т. mi).

Manner, tsál (н. चाल).

Many, dhere (H. धर), how many? kurik.

March, v. wháke.

Mare, s. ghoṛi (स. घोड़ी).

Market, s. bazár (P. بازار).

Marriage, no word.

Marry, s. (no word, they say 'to take a wife,' mahaza láke).

Master, s. murung.

Mat, gandri, sukul.

Meal (food), jaïke, (flour) not used.

Measure, v. náp dike (н. जाप); a tree's girth, bhirke.

Meat, s. mishia (H. मांस, also T. sha).

Meet, v. khatke, laske.

Melt, v. (as grease, etc.) khanakke, (as snow) bilá dishke.

Memory, yád (P. ياك).

Mend, s. rupke, talo mardike.

Merciful, mezhban (P. ربربان), mezmán.

Mercy, mezhbani, kirpá (द्वपा).

Midday, s. nyamsin.

Milk, s. dûd (H. ट्रूड).

Milk, v. dúd chipke.

Money, paisá (H. पेसा).

Monkey, laku (T. lag, hand).

Month, mheina (म. सहीना).

Moon, gyahut (T. gzá-zlá, pr. gzáda).

Morning, gorak.

Morrow (to-morrow), pihin.

Mosquito, lamkutte, mos, bhusná.

Moth, whámá (T. by a ma leb, and phema leb).

Mother, mái (T. ma).

Mount, v. kalhke (T. kal).

Mountain, s. ukálh.

Moustache, murh (म. सृंह).

Mouth, nger, nyer.

Move, v. n. whake, v. a. ketakke.

N

Nail (of finger), arkin (T. sen).

Naked, nanga (н. नंगा).

Name, s. ármin (T. med, also myed).

Narrow, marchü.

Near, adv. khere, kherep.

Neck, dunga, runga.

Nocklace, tilhari (H. तिस्हारी).

Nest (of a bird), gaur.

New, adj. minam.

Night, nabi (T. nam).

No, má (T. ma), no one, suro ma, sudma.

Noise, sarhe, hák.

North, dhemlag (i.e. upper hand).

Nose, náhá (T. (s)na).

Nostrils, dulo.

Not, adv. má.

Nothing, hira.

Nourish, kohke.

Now, da (T. da).

0

Obey, man dike (? H. स田).

Of, o, sign of gen. c.

Oil, shidi.

Oilman, salmi.

Old, puráno (H. पुराना), old man,

bura (H. वूड़ा).

Once, katberi.

One, kat.

Only, lákat (m. la, side, kat, one).

Open, v. pohke (T. phe).

Opium, afim (H. أفيم)).

Opposite, parchü.

Or, ki (only H. वि for क्या).

Order, hukm (A. حُكُم).

Oven, chula, tsula' (H. चूला).

Over, taking (aff.).

Our, kánang.

Out, adv. bahir (H. वाहर).

Own, expressed by repeating the pron. of the agent.

Ox, phor.

P.

Pain, ransia, resia.

Paint, n. roghan le dike (P. رُوغن).

Pair, s. nistor.

People, parjá (н. प्रजा).

Perfume, bás (H. बास).

Person, jana (H. অৰ).

Physician, s. ngochü (seer); baid

(н. बेंद्र),

Pickaxe, s. hur.

Pig, hwak (T. phag-ba).

Pity, chima (H. चिमा).

Place, s. artang (v. see 'put').

Plain, s. mades.

Plant, s. sar.

Plant, v. sar dike.

Plantain, motsa.

Play, v. geshke, ármatke (music).

Pleasant, gipchü.

Please, v. man paske, gipke.

Plenty, bahut, dher (H. 437,

Plough, v. ghoike (imp. ghoyo).

Plough, s. har (H. 夏朝).

Pod, genra.

Poison, bikh (H. विद्ध).

Poor, dugdinchü.

Pot, s. táolochü.

Potter, kumbal (H. कुम्हार).

Pound, v. phaldike.

Powder, s. barút (P. باروت).

Precipice, s. kharál.

Prepare, v. tyár tsanke, bhyake (T. bye').

Press, v. susar jatke, chipke.

Prick, v. dachitke.

Prince, raja.

Print, v. chapi dike (H. स्पना).

Prison, kaid (م. قيد).

Proud, jharkat.

Pull, v. donke (T. don) ghoke, jimke (T. zin).

Pulse, nari (H. नाडी).

Punish, sásaná y-.

Punishment, sásaná.

Push, v. dhuske; push off from shore, tar dishke.

Put, kahke, tohke, thakhke.

Put on, pahirke, pahir dike (H. पहिर्मा), bilhke.

Q.

Quantity, dher (H. धर).

Quarrel, v. yenke; they are quarreling, yenone.

Question, gun, sod.

Quickly, adv. tsanre, tsanre-tsanre.

R.

Rain, namas.

Rain, v. namas ráhke.

Ram, s. bhera (H. भेड़ा).

Raw, ma minchü.

Reach, v. tarhke.

Read, v. parh dishke (H. पहना).

Ready (to be), v. bhyake (imp. khyo) taiyár.

Reap, v. chekke (lit. to cut).

Recollect, yád leke.

Red, gyachü.

Release, v. daske.

Remove, v. alke.

Resemble, v. khachü leke.

Retreat, v. nhun lak sarishke.

Rice, tsurü (in general); (unhusked) dhán (H. धान); (boiled) cho, tso. Rice-beater, s. chim, mortar for do., ukal.

Rich, dhani (H. धवी).

Ride, v. sowari tsanke.

Ring, v. ármatke (a bell).

Ripe, minchü, pakka (H. पद्धा).

Ripen, v. minke (T. smin, pr. snhin).

River, s. nadi (H. नदी).

Road, s. lam (T. lam).

Roar, v. sarhe chakke.

Roast, v. pake, pakke (H. प्याप).

Roll (up), v.a. bher dike (H. फेर देगा).

Root up, v. hutke.

Roll (about) v. n. archike.

Rot, v. gitke.

Rotten, adj. gitchü, nhurü (lit. wet).

Rump, s. puta, tsak.

Run, v. kherke.

Ryot, s. dunyádár (P. كنيادار).

S.

Sacrificial thread, jane (H. जनेड).

Sad, adj. udás (H. उदास).

Saddle, s. káti, zin (P.

Sál tree, phokshing.

Salt, cha, (T. thsa).

Same, katái, katechü.

Say, ngáke (imp. ngoho T. ngag, pr. nga' 'speech').

Search, v. ngoske.

See, v. dángke (T. (m)thong-ba).

Seed, s. tsoyo.

Seize, v. gohke.

Sell, v. arlake (imp. arloho).

Send, v. birinke (T. (s)bring).

Separate, v. pungke (T. phung).

Serve, v. tsákari z- or laske (H. चाबरी).

Set, v. doke.

Seven, sát (H. सात्).

Sew, v. rupke.

Shake, v. koike.

Sharp, adj. retchü, páindári.

Sharp (to be), v. retke; it is sharp, retone.

Shave, v. hulke.

She, hose.

Sheath, s. dap.

Sheep, bheri (H. भेड़ी).

Shew, v. ngoshke, tánakke.

Shine, v. jhalakke (H. सुस्ताना).

Shoes, júta.

Shoot, v. ngapke; fire a gun, pho-rokke.

Shop, hát (H. TZ).

Shopkeeper, posole, bania.

Short, adj. tunchü.

Shoulder, s. kum.

Shut, v. thunke.

Sick, ma santsa.

Side, pár (H. पार).

Silent, ma chakchii (i.e. not speaking).

Silk, reshm (P. رشم).

Silver, rupa (H. Ty).

Simple, sudho (H. सीधा).

Sin, páp (H. UTU), ris, v. ris khyake.

Sing, v. lhingke.

Sister, bhain (H. बहिन्).

Sit, v. nguke.

Skin, tsála.

Skull, khapár.

Slave, mas. miü, kalá, kamara; fem. memán, kelí, kamarí.

Sleep, v. mishke.

Slip, v. puchike.

Slow, susto (P. www).

Small, adj. márchü.

Smell, v. armushke, s. bás.

Smith, s. karmí (H. क्सी) dupchü.

Smoke, dhuári (H. धुना).

Snake, bul (T. (*)brul), lochu.

Snatch, syatke, syatnü lake.

Snail, ghuinki.

Snow, s. hyun (T. him, from Skr. दिस).

Snow, v. hyun pardike.

So, hoto.

Soldier, sipahi (P. سِپاهی).

Sole (of foot), pai talá (H. पार्

Some, chik, lálá (T. lala).

Someone, suro.

Son, zá, mizá.

Song, lhing.

Sour, thupchü.

South, mhaglag (i.e. downwards).

Sow, v. bhereske.

Sow, s. whagman (T. phag-mo).

Speak, v. chakke, dike.

Spider, gharna, shik.

Spirits (distilled from rice), namzas.

Spit, v. thokoke.

Split, v. bhaske, shilke.

Spoon, s darhu.

Spread, v. tangke (H. तानना or T. thing).

Stab, v. hul dike.

Stand, v. soke.

Star, tárá (H. तारा), bhuga.

Steal, v. khuske, khusnü rakhke (T. (r)ku).

Stem (of a tree), múl hanga.

Sting, v. detakke.

Stingy, adj. mahátsudri.

Stone, lhang (T. (r)do), (of a fruit) khwaya.

Stoop, v. ghumke.

Stove, armotang.

Streamlet, khola.

Strong, baisa, burisü.

Such, hoto.

Suck, v. tsüpke (T. jib).

Sun, nyámkhan.

Swallow, v. melhke.

Swear, v. puranga jyalke.

Sweat, v. namzas khyáke.

Sweet, dsapchü; to be sweet, dsapke.

Swim, v. paurigeshke (H. पीर्गा). Sword, turwár (H. तसवार्).

T.

Tail, s. meme.

Take, v. láke (T. (b)lang); take up, khuske; take aim, tág dike; take a walk, dulishke.

Tall, ghanghchü.

Tea, jhá (τ . ja).

Teach, v. pahakke (H. पढ़ाना).

Tear, v. chike (T. cha').

Ten, das (H. **इस्**).

Than, denang (T. de, and Magar aff. lang).

That, ose, hose.

Then, dereng (T. derag).

Thence, áte.

There, ala.

Thigh, s. gaha.

Thin, ruchü.

Thing, s. dhut.

Think, v. bichár zatke (H. विचार).

Thirst, disona.

Three, som (T. (g)sum).

Throat, s. dunga (T. jing).

Throw, v. loke, lomo y- (T. tho').

Thunder, s. chyaga.

Thus, ita, isto.

Tie, v. chyakke (T. ching).

Tiger, s. ranghu.

Tire, v. mhungke.

Tired, adj. mhungone.

To (aff.). ke.

Tobacco, tamákú (H. तमाकु).

To-day, chini (chi with T. nyi, 'day').

To-morrow, pihin.

Tongue, let (perh. T. lche).

Tooth, shyak (T. so, or theems, pr. tse').

Tortoise, tothári.

Tree, shing (T. shing).

Tremble, s. bhirikke (T. bre').

Trowsers, sarwal (P. شلوار).

True, adj. sáchi.

Truth, sách (H. सच्).

Turmeric, beswar.

Turn, v. bherke; turn out, chiknü yake.

Twist, v. árjakke.

Two, nis (T. gnyis, pr. nis).

U.

Ugly, ma sechü.

Unable, ma hekchü.

Uncultivated, banja (lit. barren, म. बाध्या).

Understand, pherke.
Unhappy, udás (H. उदास).
Unlike, ma khachü.
Unlucky, dasti ma zatchü.
Urge, v. ketakke.
Up, adv. dhemlag.

V.

Vegetables, gán.
Vein, nasá.
Very, dhere (H. धर, heap).
Village, lánghang.

W.

Wake, v. n. sotakke; wake up! sotagni.

Walk, v. dulishke.

Wall, dewal (H. देवास्).

Warm, adj. ukhum.

Warm, v. khanakke.

Wash (the body), hurke, (clothes, etc.) uou dishke.

Wasp, árghan, bachum.

Wasteful, adj. dani (H. दानी).

Water, di.

Waterfull, sankhar.

Wax, ghos, khago.

Way, lam (T. lam).

We, kan, kankoï.

Weak, adj. nirdo.

Weasel, neor (H. नेवसा).

Weave, v. dakke.

Weaver, s. barhin dakchü.

Weep, rapke, rhapke.

Weigh, dsapke, tol dike (H. तोस् देगा).

Well, s. indára (H. र्व्हारा).

West, paschim (H. पश्चिम).

Wet, nhurü.

What? hi (T. chi).

Wheat, s. gohom (H. नीज, local pronunciation of north Behar and Khas Nepalese for नेज).

When? shen (T. shena).

Whence? kulaki.

Where? kulag, kula.

Which? kos.

While, s. káláp (i.e. a little while).

Whistle, v. sushila gake, sushilike (H. सुत्रीखा).

White, boch "; it is white, bomone.

Whither? kulag.

Who? su (T. su).

Whoever, josh, dzo.

Whose? suo (T. su-i).

Why? hike (dat. of hi, what?).

Wife, máhazá (lit. woman).

Wine, hán (really 'spirits;' they know not the juice of the grape).

Winter, zungá.

Wise, bato.

Wish, cháhá dishke (H. चाइना).

Witch, s. bokchü, bokchini, shingman (lit. tree-woman).

With, pr. sáthang.

Wizard, jokhaná ngoschu.

Woman, máhazá.

Wonder, v. áchambo dangke.

Wool, chham, un (H. जन).

Work, s. kám (H. काम).

Word, s. kuro.

Wound, s. gháo (H. घाड).

Wound, v. gháo laske.

Wrestle, punke, judh punke.

Write, v. rikhke (H. विद्युग).

Y.

Yam, náme.

Yawn, v. hamke.

Year, barkh (H. वर्स), sál (P. اسال), les, (T. lo); this year, chil les; next year, ráchil les; last year, unhi les.

Yellow, pila (H. पीसा), worchü. Yesterday, tisim, tisyam. Yoke, ghoïke.

You, nahakoi, nakun.

Young, s. (of cattle, etc.) leiná, bakerná.

Youth, s. renzá (a young man). árnam (a young woman).

ART. V.—Contributions to the Knowledge of Parsee Literature. By Ed. Sachau, Ph. D.

[Read Nov. 30, 1868].

On comparing with one another the two most ancient periods of development of the Iranian mind, in language as well as in literature,—that primitive one, whose witness is the Avesta, with the period of renaissance under Sasanian rule, we find at once this striking difference, that the former is purely national and Iranian, almost wholly free from any foreign influence, whilst the latter, as it appears in the Pahlavi translations and the inscriptions of the Sasanian kings, is overwhelmed by foreign, Semitic, or more accurately speaking, Aramæan elements. The difficulties in explaining the pure Persian substratum of the language of this latter period, for even here not every problem has yet been solved, are by no means to be compared with those offered by the Semitic forms and words, which appear to the Indo-german linguist utterly unknown, to the Semitic scholar more than strange. Though a great quantity of highly valuable material has already been collected and digested by European scholars, still I do not think it sufficient to enable us to decide in a satisfactory manner the following questions:—During what time did that close intercourse between the Iranian and Semitic races take place, the existence of which we are compelled to assume as the source of the Semitic portion of the Pahlavi language? Of what kind was this intercourse? And with which of the Aramæan nations in particular? The same questions demand an answer, in order to explain the numerous Iranian words which occur in the literature of the Babylonian Jews, in Syriac, in the Koran, and the most ancient Arabic poems.

Our attention is naturally drawn, in the first place, to the contemporary Syriac literature, but the reports of the Nestorian missionaries, who went forth preaching Christianity

throughout the Sasanian empire and beyond its northern and eastern boundaries, are lost, with the exception of a single one.1 Besides, the same Nestorians, and before them, the orthodox Eastern Church, established the Christian communities scattered through nearly the whole of Persia, the head of which was the Jathelik (Catholicus) of Seleucia, and founded a literature for their Persian converts, a literature of translations, a few leaves of which, if extant, would afford us quite unlooked for elucidations, because they were probably written in Syriac characters, if we consider the testimony of Epiphanius, Adv. Haeres. 66,2 χρώνται γάρ οἱ πλεῖστοι τῶν Περσών μετά Περσικά στοιχεία και τῷ Σύρφ γράμματι, ὅσπερ παρ' ήμεν πολλά έθνη τοις Ελληνικούς κεχρήνται κ.τ.λ. Αε this literature has not yet been noticed anywhere, I shall here produce my proofs, specifying no less than three authors who translated Syriac works into Persian for the Christians of the Sasanian empire.

Ma'na, born in Hardashîr, after having studied in the University of Edessa, returned home A.D. 415, and became Jâthelîk of Seleucia A.D. 420 for a short time. He is described by Mârî Ben Sulaimân, who wrote a history of the

1 Thomas, Bishop of Marga (beginning of the ninth century) gives in his إرْمِمال (" History of Abbats") a short report of Elias, Bishop of Mûkân, who preached Christianity in the country of the barbarians "adjacent to the Dailamites." His report, though decidedly not free from confusion, is of some interest. The god of their ancestors was called יֵנָט טוֹט "created by God," or "by the Yazata"); sacred to him there was a holy tree, growing in a valley, which the natives showed to Bishop Elias from the top of a mountain. Its name he calls "Aderâ" (رزا ٥٥٦ ونعم عدم) with the Syriac termination "the fire") "the head (lord) of the wood." Elias proceeded to fell it (like Bonifacius felling هرموسره وهد) حميمت (مان حها؛ حماه؛ بالأجاء (مان حها) معروه المانية وهد المانية وهد) معرونات المانية والمانية twigs around it, which they also called 'sons of Yazd,' the 'little ones,' he hewed and out away." Possibly this can be combined with one of the two trees Gaokerena and Vistukhma, both growing in the sea Vourukasha, and with the statement of Bundehesh, chap. 27, that every flower (!) is sacred to a Yazata. Cf. Assemani, Bibliotheca Orientalis, tom. 3.1, pp. 492-494.

³ Migne, Patrologiae Cursus completus, series graeca, tom. 42, p. 48.

Nestorian Patriarchs in the middle of the twelfth century, as "being learned in Syriac and Persian, and the translator of many books from Syriac into Persian" (وكان ماهرا بالسريانية الى الفارسية ونقل كتبا كثيرة من السريانية الى الفارسية للفارسية ونقل كتبا كثيرة من السريانية الى الفارسية told by Bar Hebraeus, that he translated the works of Theodorus of Mopsuestia from Greek into Syriac (Assem. Bibl. Or. 3, 1, p. 376).

Acacius, appointed Jâthelîk A.D. 485, officiated as an ambassador of Fêrôz to the court of Zeno, and is stated by the same Mârî to have translated into Persian the treatise of his contemporary 'Elîsha', Metropolitan of Nisibis, by the command of Kawâd, who wished to have it, in order to discriminate between Christian and Manichæan doctrines (Assem. 3, 1, p. 378 ff.)

Job, who flourished about A.D. 550, a Nestorian monk from Hardashîr, is reported by Mârî to have translated into Persian two works of the most celebrated teachers of the Eastern Church, the ميامر (homilies) of Abraham of Naftar, and the (canons) of his own teacher, Abraham of Kashkar. The latter of these was the founder of monastic life amongst the Nestorians (about A.D. 500). Ebedyeshû' mentions his "regulæ pro monachorum regimine" (Assem. 3, 1, p. 155, note a). The former, who probably lived about the same time, was a very popular author, both with Nestorians and Monophysites, as we may gather from the numerous remains of his works, which have survived thirteen centuries, and are at present deposited in the Vatican and the British Museum. (Add. 14, 623; 12, 167, dated A. Gr, 1187 = A.D. 876; 18, 814; 17, 180; 17, 262; 14, 614; 14, 738; 17, 174). Cf. **Assem.** 3, 1, p. 431.

As a great many of the writers and chief authorities for the Eastern Church were native Persians, several of them converts from the Zoroastrian creed, (such as Jesaiah Bar Hadabû Arzunâyâ, originally a Persian courtier, then the author of acts of Christian martyrs, about the beginning of the fourth century after Christ; Farhâd, the wise Persian, who wrote his sermons, according to his own statements, between A.D. 337-345; Theophilus Persa, who wrote against Cyril; Mares Persa, the friend of Ibas of Edessa; Simeon of Betharsam, the Logic loos, about A.D. 525; Mâr Abâ I. (died A.D. 552) born a Zoroastrian, and many others)—it seems natural, that some of them at least should have endeavoured to provide their fellow Christians in the Persian empire with prayers, hymns, sermons, histories of saints, rules of ascetic life, etc., in their own tongue; and, accordingly, we have precise statements as to the three Syriac authors above mentioned, two Nestorians and one before the Nestorian schism, to whom we may add from a later period, when Islám already prevailed in those countries, Ahron Persa, who became famous, about A.D. 665, as Logic ligado "the Persian translator." (Assem. 2, p. 104a).

As regards the contents of this literature, its having perished is no great loss to science in general, but to know the language in which it was composed would afford us considerable help in solving the problems which the Pahlavi offers. It is possible, that one day a monastery may be found, like that of St. Mary Deipara in the Nitrian desert, which will re-open to us the stores of the older Nestorian literature, and yield us amongst them perhaps a few leaves of the above-mentioned translations into Persian; but I cannot think this very likely, as the American missionaries in Urmia do not seem hitherto to have found anything of the kind.

But to return to the point from which we started, the fact of the Pahlavi being almost overwhelmed by Aramaean influence, does not seem to have altered the essential character of the language in the least, as we learn by an examination of the language of the following period of Parsee literature, that of the so-called Pâzand or Pârsî translations, which are attempts to read and explain the ambiguous Pahlavi writing in a clear and distinct character. The main point in which this language differs from the Pahlavi is, that all the Aramæan words have given way to the corresponding

¹ The compositions of Farhâd, the most ancient Syriac church-father, are published in an excellent edition by Dr. W. Wright, London, 1869, Williams & Norgate; besides, the editor is about to make them more generally accessible by an English translation.

Iranian ones, and that every Semitic element has vanished, without leaving a trace of its former existence. This is one of the chief reasons why the Pahlavi is believed never to have been spoken generally by a whole nation or tribe, but to have been the learned language of the priests in the Sasanian empire. It was, to use Westergaard's words, "lingua quae per studium artificiosum et quidem arbitrarium miris signis formationibusque a natura alienis onerata et sequentium temporum ignorantia magnopere obscurata est."

The date of the Pahlavi, as well as of the Pazand period, has not yet been accurately fixed. The time of the former, represented by the translations of the Avesta, by the Ardâî-Vîrâfnâma and Mînôîkhired, is assumed to extend from Ardashîr, the son of Bâbak (A.D. 227), till towards the end of the Sasanian rule; and that of the latter, represented by the Parsi translations, from the conquest of Persia by the Arabs to the tenth or eleventh century after Christ, when the Zoroastrian creed was still widely diffused over the whole of the Iranian territories, as we learn from the coins of the Ispahbads of Taberistán with Pahlavi legends, and from the indubitable testimony of Ibn Haukal. During the following centuries (eleventh and twelfth) the decay of the national religion was completed, its comparatively few remaining followers were confined to Yazd and other parts of Karmán, and an emigration of some of them to India not improbably took place. In this period of misfortune and distress, we cannot expect to find any remarkable literary tendencies, and it seems to mark a second break in the tradition in a certain way similar to that which we notice between the original Zand-texts and their translations into Pahlavi. The revival of Parsee literature in India proceeded from Karmán, where the learned tradition always was kept more free from foreign influence, and dates at the earliest from the end of the thirteenth In its subsequent development it may be divided into three parts, which partake, on the whole, of a more scientific and learned character, in our sense of the terms, than the former periods. The first part, written in Pahlavi, comprises views of the whole of the Zoroastrian theology or of portions of it, especially of the eschatology, according to the text of the Avesta, and oral tradition, such as the Bundehesh and Bahmanyasht. A certain amount of skill in writing Pahlavi seems to have been kept up amongst the Parsee clergy down to our time, as they were still able to compose the Vajar-kart-dînîk, most likely within the present century. The second division of these Parsee writings composed in Persian, exhibits a sort of Talmudic literature, the riwâyât, digests of the religious rules for the casuistry of common life,1 dogmatical and legendary treatises, the Shayist-Nashayist, the Saddar, 'Ulamâi Islâm, Jâmâspnâma, etc. Not long after were composed the poetical redactions of these and older works, e.g., of the Ardâî-Vîrâf and the Saddari nazm, and original poetical compositions, such as the Zartushtnâma and Kissai Sanjan. These latter may have been influenced to a certain extent by the tendencies prevailing in Akbar's court. To the same period, we may assign the Sanskrit translations of Neriosangh and Ormuzdyar. As the last, and least valuable, development of Parsee literature, we have to mention that mixture of Sufism and Zoroastrianism, which had its origin during the second half of the sixteenth century, with Adar Kaiwân (died 1618) and his followers, the so-called Sipâsî Sûfîs. This is represented by the Dasâţîr, the Shâristân of Bahrâm Farhâd (about 1624) and the Dabistân of Muhsin Fânî.

Whilst the older portions of this literature, the Avesta and its translations, have been published nearly in their entirety, the later portions are but little known. The Bundehesh has been edited by Westergaard, and more recently by Justi, and Haug promises a new edition; the Saddari nazm, the Kiṣṣai Sanjân, the Zartushtnâma, the Persian translation of the Ardâî-Vîrâf,² have been translated, one into Latin, the others into English; Dastûr Hôshangji has published, at the

¹ One of the chief rawis is کامدین شاپور, to whom the first part of Z. and P. 8 is ascribed; others are بهمن پونجیه, برزو قیامدین, نریمان هوشنک مانک چنکار کاوس کامدین, کامه بهره, مانک چنکار کاوس کامدین, کاوس کامان

² This translation (by J. A. Pope, London, 1816,) has become so rare, that neither the British Museum, nor the Library of the Roy. As. Soc. possess a copy of it.

recommendation and with the help of Dr. M. Haug, an old Zand-Pahlavi glossary, and the same scholar announces a Pahlavi-Pâzand Glossary, a translation and explanation of the inscriptions of Hâjîâbâd, and an edition of the Ardâî-Vîrâfnama by Dastúr Hôshangji.

In the following pages, I shall give an account of a few Parsee works, of the New Persian class, hitherto partially or entirely unknown in Europe; not following a systematic order, but merely accommodating myself to the materials which are at my disposal.

In the library of the Royal Asiatic Society, there is preserved a paper manuscript in Persian, without date or name of copyist, but probably written about the end of the last or beginning of the present century (121 foll.). Some emendations in the margin show its having been collated with the original manuscript. On the first fly-leaf we find these two notes:—" From the Atash Bahram. The temple built at Surat by Pestanji Kalabhai Wakeel. Presented by his son Naushirwanji to John Romer. March, 1856;" and, "This is the book of Parsi Bahramji Naushirwanji Kraji." It contains two works, the first of which is a metrical paraphrase of the Mînôîkhirad (metr. متقارب) foll. 1-61, beginning بنام ایزد بخشاینده مهربان آغاز داستان وصف خرد از کفته مرزبان The author, Marzubân, a native of Râwar, is also mentioned in the title of the second poem (fol. 61 b, lin. ult.) and in several other places, e.g. fol. 9a, line 7.

چنین دان ایا نام دار سخن که چون مرزبان داشت راور وطن "Now, o glorious (reader), listen to the word as Marzubân, the native of Râwar, had it." The name also occurs on fol. 57a, 1.4, and 61 b, 1.1. As to his native place, Yâkût (MS. of the British Museum) gives the following notice: راور بتکریر الرا وفتح الواو مدینه کبیرة بالسند من فتوح صحمد بن القسم الثقفی الرا وفتح الواو مدینه کبیرة بالسند من فتوح صحمد بن القسم الثقفی "Râwar, a large town in Sind, conquered by Muhammad ben Alkâsim Attakafî;" and this latter statement is confirmed by

¹ This statement is confirmed by Wilson, the Parsee religion, p. 557, note 5.

Albaladhori (ed. of De Goeje, p. ١٣٦٩, line 1), عنوةً وفتح محمد, "it is reported that Muḥammad ben Alķāsim took Rāwar by force," which happened under the rule of Walid b. 'Abdulmalik (A.D. 705—715).

The introductory tale, in this translation, is somewhat different from that of the original. The first chapter (fol. 1b) contains the praise of God as the creator of the seven kishwars. The second chapter (fol 2a, lin. ult.) در منعجزات begins with a few lines in زراتشت وبیست یک نسک اوستا praise of Zartusht, who is called خليل خدا (perhaps in imitation of the Muhammadan خليل الله, Abraham). The author then describes how Ahuramazdâ revealed himself to Zartusht and communicated to him the divine writings, the twenty-one nusks of the Avasta. Vohuman and Srôsh lead him to heaven; when he has passed the five spheres, his glory is increased in the sixth by the light of the prototypes of all created beings (حقايت); after having come to the seventh sphere, he heard the answer to every question he put; God "gave him from the light of his veil the book of the good religion in twenty-one chapters."

Fol. 2b, 1.10.

وهومن ندیم وسروشش دلیل شده رَهّنُمای سوی کاه جلیل چه از باد پایه کذشتش مقام زخیل ملایک رسیدش سلم گذارش چو شد باد پایه سپهر بسوی ستر پایه شد تازه چهر جهارم چه مه پایه را طی نمود زخورشید پایه رسیدش درود بروشن اُثر در ششم هر طَرف فزودش زنور حقاید شکرف چه در پایهٔ گاه هفتم رسید هر آنچه که پرسید پاسخ شنید بدو داد یزدان زنور حجیاب زدین بهی بیست ویک در کتاب بدو داد یزدان زنور حجیاب زدین بهی بیست ویک در کتاب

¹ For the purpose of comparison, I use only those extracts that are accessible to everybody in the careful edition of Spiegel (Gramatik der Parsisprache, Leipzig, 1851, pp. 128-155). The MS. of the Library of the India Office was not at my disposal, when I wrote this.

[،] رشیدش .MS

The author next gives a very general description of the twenty-one nusks of the Avasta, and expatiates on the importance of the Khirad (σοφία), describing it as the inseparable friend and confidant of Zarathustra, by whose special help he was enabled to carry out the prophetical mission entrusted to him by Ahuramazdâ. Fol. 8 a, 1. 6.

بهر کار بر وی خرد یار کسرد ورا محسرم راز اسرار کسرد خرد کرد پیوسته دِمسساز او که باشد خسرد محسرم راز او خرد را چه با او ســـر وکار بود بهر رزم وبزمش خـــرد يــار بود چو پیوسته بودش خرد راه بسر زاسرارِ پوشیده بسودش خسبسسر خرد بود در هر غَمَش غمکسار خرد در حَرِیمش بدی پرده دار كل دلكشايش خرد بُد بــاغ به شبهايش تارش خرد بُد چراغ خرد کرد آعدای اورا ذلیه خرد بود بر معجزاتش دلیه گراز جادوان خصم بسیار داشت بشد منتهی چون خرد یار داشت جهانیش خصم وخرد خصم سوز خرد دلکشای وخرد دلیفیسروز چو یزدان خردرا بیاریس داد زهر بد خرد رستکاریس داد چو دین بہی را نمودار کے خرد کامکارش بہر کار کے ر

In the following chapter, fol. 8 b,

در وصف خرد بیاری جناب آحدیت گوید

the author begs God to bestow his mercy upon him, that he may give the description of the Khirad in verse. Fol. 9 a, l. 5.

كه وصف خرد را بنظم آورم کنون باز کردم بکار خسرد بمینوی یاسخ کسذار خسرد چنین دان ایا نام دار سُغُـن که چون مرزبان داشت راور وطن "Now I have revealed the operation of the Khirad; let the Khirad itself bring me the heavenly answer (to my questions). Now, o glorious (reader), listen to the word, as Marzuban, the native of Rawar, had it."

In the last introductory chapter, fol. 9a, ومف حال شاعر, the author gives an account of himself, and tells us whence he received his learning. He went to Yazd and stayed there some time, occupied in learning the old traditions. His teacher tells him: "Once, a younger friend of mine, Fûlâdi Gushtâb, wished to study the Mînôkhirad, written in Pahlavi characters; at his request I transliterated it into 'this Pârsî character.'" When he died, Marzubân received the manuscript and turned the work into verse. I give the text in extenso. Fol. 9a, 1.9.

in three chapters.

I. Fol. 54a.

II. Fol. 55b.

نر تَضَرُّع وخواهش شاعر از ايزد تعالى . III. Fol. 55b.

III. Fol. 58b.

ن نصيحت غافلان وانجام كتاب . 8b. الله على .

At the end there is added, in eight lines, a short account in prose of the six sorts of fires. As far as I can see, the work is complete, with one exception, viz., the first chapter is followed immediately by the ninth, though it only contains two questions and answers, the first fol. 10a, the second fol. 13b, 1. 12, whence it would appear, that six questions and answers are wanting.

This may suffice as a description of the externals of the I shall have now to show its character and value, as well as its relationship to the Pahlavi or Pârsî text, in which I mark Marzubân's translation by M. and the Pârsî text (edition of Spiegel) P. And first, it may be noticed, that, to Marzuban, as to everbody who is not an accomplished master of the art of versification, the rhyme is a very serious obstacle, and that in general, we can rely more upon the first hemistich, as to the genuineness of its contents, than upon the second, where the rhyme is paramount to every other consideration. It was not the author's aim to give a translation of the work, but following the original, verse by verse, to bring its contents into a pleasing form. To effect this, he makes occasional additions or omissions, and generalises or transforms, according to the later tradition, the singularities, not to say oddities of the Parsee Mythology, which he either did not understand, or more probably did not think fit for his purpose, which evidently was to entertain. This paraphrase has not been made from the hitherto known Pazand translation; for its proper nouns sometimes appear in a different shape, which can only be owing to the ambiguous Pahlavi character, not to the Zand writing, as this expresses every vowel and consonant separately. Neither does it seem to have been made from the same redaction in Pahlavi, which is the source of the Pazand translation; for the arrangement of the single verses is sometimes different. The original is that Pahlavi text, which Marzuban's teacher transliterated for his friend Fûlâd i Gushtâb into the Pâzand character in Yazd (v. introduction). Both M. and P. are independent efforts to interpret the original; the former has often gone very far wrong, but P. too does not seem to have expressed

everywhere the full meaning of the Pahlavi original, as Windischmann already supposed.

The dev aeshma is written in P. as usual khashm (Spiegel, 136, 1. 27, 28), by M. هيشم (fol. 23b, 1. 10), which is to be derived from a variety of reading of the Pahlavi text, as it occurs in the Parisian manuscript of the Bundehesh (edition of Justi, p. 76, 10; 82, 3, 6).

P. writes quantitate quantitates (Sp. 142, 19), M. (fol. 526, l. 4) عورت ; one read the same sign n, the other (wrongly) w, in مودل . Among the manuscripts of the Bundehesh, that of Copenhagen has always this reading, except in two places, that of Oxford almost always, and the Parisian one sometimes, so that I cannot see why Justi has constantly written both in his text and glossary خونيرس.

Raêvand, Pushti Gushtâspan (Spiegel, 148, 8) and Pêshyânsai are different names for the same mythical place, where Sâm's body lies (Windischmann's Zoroastrische Studien, p. 9 and 247, Anm. 1). The Bundehesh writes always in Zand characters pēshyānsai, and if we transliterate this into the Pahlavi character, we can readily explain the reading of M. Pahlavi character, we can readily explain the reading of M. (fol. 51b, l. 9) assuming, that in his copy the second character, the compound يش was missing.

When M. writes کنک در for P.'s kandizh and تور for thozh (Sp. 137, 34), I do not consider these to be various readings, but another tradition, probably taken from Firdausi's Shâhnâma, which seems to have been used by Marzubân, as we shall see hereafter.

As to the different arrangement of the verses, I must premise, that it is sometimes extremely difficult to state which verses in M. correspond to those in P., and which verses in P. are left out in M., the more so as the latter generalised and often misunderstood his original. But, paying due regard to this, the order of the first extract (Spiegel, p. 128-133) would be, according to M., as follows:—Verses 1-7, 9-11, 15, 14, 16, 17, 21, 22, 24-27, 18, 28, 19, 29, 20. He has, therefore, omitted vv. 8, 12, 13, 23.

I lay much more stress upon the inversion of the order than upon omissions, though these, too, as we find in this chapter and elsewhere, sometimes seem to arise from other reasons than the mere caprice of the translator.

I proceed to give the paraphrase (text and translation) of those extracts published by Spiegel (p. 133 ff., p. 140 ff.) so highly interesting for Zoroastrian mythology, and shall afterwards shortly point out their differences from the Påzand It will be noticed at once, that Marzuban's language is by no means the classical Persian, and that he uses words, connected with the matters treated upon, that are not to be found in the hitherto accessible Persian Dictionaries. Lastly, it must be mentioned that the single MS. which is at my disposal, that of the Royal Asiatic Society, though in general a very good one, is not sufficient to constitute everywhere a pure and indubitable text.

سوال بیست یکم دانا وجواب خرد

سرافراز شاهان فرخسنسده پی نکو رای ونیکو نهادان بسدنسد ظفريافت طهمورث تيز جنك جزاین یادشاهای با داد وزور که بر دین یزدان به پیمسود راد دگر اهل بیداد دگر نیسک خو زيزدان بيكسان پديسدار بود نکویان زبرتر سے افسراشتن بران دید یـزدان نشـان بهـی در سود ازان پس پدیسدار کسسرد زنیکی وانصاف وبسیداد وداد که بد هریکی را بسانی نهداد رواج سپہر ومَدار زمان میرینگونه بود آشِکار ونہان

دگر گفت کز پادشاهسان کی که اندر شُمَر پیشدادان بسدنسد كيامرث وهوشنك با هوس هنك 5 چه جم وفريدون با فير ونيور روارو چنین تا بگشتاب شاه ستمكاره بودنــد دكــر داد جوا چرا حاجتی شان که در کار بود بدان را نبودی به انبساشتسی 10 چنین پاسخ آورد کسز فرهسی که بر آرزو جمله را یار کسرد

اکر داد جوی .8 ۱۱ ۱

² Cf. Pârsî râinidârî i ôgāmān, Neriosangh "pravṛttikâritâ ya samayanam."— Spiegel, p. 128, 11.

پریشان ازینگونه آمد سرشت زهریک پذیرفت سودی دگیر 15 که گیتی تهی کـــرد از دیـــو وآز زبد کرد کوتاه دستِ گــزنــد نکوهی^۱ بیفزود تا رستخسیسر چه آهن چه پولاد وچه سيم وزر که برکند بنیاد ودیو پــــــــــــد 20 بدیشان چو شد گامِ کینه دُرُشت نهاد از بُنَه رسے جَشے سَدَه بسی کارها زو نماودار شد بد ان سود کابلیس را کرد بسند بسی سال بر سان یکباره داشت 25 نوشتن همان خواندن هفت خط بیاموخت خطهای بنیادگار نه بُد مرک وآز وستم در جهان غم ورنبج وسنحتى شده كاسِــــــه بِساطِ مَحَبَّت در آغوش داشت 30 بـــقــانونِ افــلاك از راهِ داد زقضًات وحكما وهر كونه نقش (?) زشايستكى وزبايستكى چوجم کرد فرخنده شهری بساخت که ایزد درو نیکویها شناخت پس از برف وظلماتِ ملکوس دیو که از جمله عالم بر آمد غـریو 35

زسود وزیان جُستن خوب وزشت جهاندار دانای نسیسروزگسر کیامرث سود اینجنین کسرد سساز تن خویشتن را نکرد ارجمند ابر مردمان جهان جمله نيسز زمعدن بر آورد هرسان گهرسر زهوشنک شد سود ازینسان پدید دو بهره زدیوان گیتی بیگشت بشد زو هراسسنسده دیسو ورده ^و بسی رسمها زو پدیسدار شد زطهمورث آن شاه فیسروزمسد مرورا زبان حال وييچاره داشت دگر آنکه بُرد از دُبیـــری وخــط بمردم زدیسوان بسد روزگسار زجمشید سود اینکه چندان زمان بُد از خُرْمی گیتی آراسِت، جهان از بدیها فراموش داشت دگر آنکه آداب گیتی نـــهــاد جهانرا بهشش دانك برهفت بخش بياراست تُندى وآهستكى

نیکوئی instead of the usual نکوهی ? زُبُونَ حال = زبان حال * • var i jam kard.

نماند ازان دیر آئسیسی وراه پدید آرد از هر نشان گوهسری زجنبندگان وزرویسنسدگسان درو مر دهشتی بیسفسزایسدا بگیتی پندیسرد مسندار دکسر خورشنی که در دین یزدان سزید زناپاکی و پرورشههای زشت^۱ بدیوان زگیتی نداد هیچ بـــهـــر كزودهر با بيم وأمسيد بسود چنین دید سود ایزد کامیاب هزاره زاهريمن كيسنسه خواه که شان بود بر فعل دیوان سرشت ندادی شدی اهرمن کسامکسار به آنیی شبی ورزم زور آوری ندیدی زگیتی شکست وگسریسنر جهانرا سراسر تباهی بدی که ضحاک را آنکه بد یسار دیو نگردد خلاص ونیابید آمسان ببرید وزیشان تهی ساخت بوم كه كين نيا بِشتَد از سام وتــور بتدبير وراى وبكسرز كسران بسی شهر بِسْتَد زافــراسیاب روائی ازویانت راه حساب پدید آمد این سود از کیقباد که بر خُلْق بُکْشاد درهای داد

شود جن وجِن بنده يكسر تباه زجم کرد یزدان کشایسد دری زبويسدگان وزگويسسدگسان جهانرا جهان بان بیسارایسدا 40 شود گیتسی آبساد بسار دگسر سیم خوردنیها زپاکی گسزیسد به پرهیز داد از خورشهای زشت دگر آنکه از چار پایسانِ دَهسر مرین سود یکسر زجمشید بود 45 هم از مارِ دوش وزافـــراسيــاب کے چوں بود ایام در پادشاہ رد ورسم شاهی بر ایشان نوشت م وگر پادشاهی بر ایشهان قهرار بهیشم سپردی جهان داوری 50 مران ديو ناپاك تا رستخسيسز چو زآنگونه دیوی بشاهی بدی چنین بود سود از فریدون نسیسو بسبستش به بندی که تا جادو آن ودیگر کز ایران پی دیسو شسوم 55 منوجهر ازین سود دریافت نور تهی کرد گیتی زجادوکران

و پرورشتهای رشت .۱ MS. ىوشت . MS المرسوون The meaning of انيتي is like that of Pahlavi

رود داد ورسم بهی تسازه داشت همی بود واز وی نواد کسیسان 60 رد یاکی وارجمندی گیرفت تَبُه کرد کو بُد جو کوهی بـــزرک کُهی کین کمک مرغ را کرد پست تبه گشت در جنک آن نامِــور که یرد خت از دیـو آبی زمین 65 بر آورد از گُـرگ آبی غــریــو یکی گر بماندی بےروی زمان بگیتی نبودی امیدد بهسی یدیدار شد سود فاش نیههای که آمد سیاوخش از او پــدیــــد 70 که رادی وپاکی ازو رخ نــمـود که دانا سیاوخش کردش شناخت چو کیخسروی آمد از وی بــــار که ارج همه جادوان را بکاست بگیتی پدر کشت آن کامیاب 75 زجادوکران دهر پـردختـه کـــرد بفرمان یےدان بی یےار وجفت دران شهر عزم کس آکاه نیست جهانبان ازو بر کشاید کلید جهانرا بود جمله زیسور از آن 80 که پیوسته یزدان پرستار برد پذیرفت دین روان تازه داشت

همه کار شاهی بآنددازه داشت بیزدان سپاس وکمر برمسیسان بگیتی فزوده بُلندی کرنت زکرشاب سود اینکه مار سُتُــرک بتير وكمان جونكه بقراخت دست بسی دیو پتــــاره وجـــانِــور بد این سودمندی زسام گزیسی برانداخت بنیاد گندرب دیر كزان مهمكين زشت يستياركان کیما بودی از رستخیز آگیسے زدستان ورستم همی در جهـان زکاؤس کی سود ازینسان رسید سیاوخش را سود ازینگونه بــود چو کنک دزی در زمانه بساخت به صافی ونیکیش بودی مسدار زکیخسروی نامی این سود خواست شه جادوان کُو بُد افسراسیاب همه کار بر نیکوی سخته کهره بکهسار در کنک دز را نهفست که اکنون کسی را درو راه نیست چنین تا سِیُوشائسِ آید پدیــد دهد هفت کشور بزیسنت ازان زلرهاسب سودى پديـدار بــود همه رسم شاهی باندازه داشت زکیخسرو ۳۵۰ ت

بياراست آئيسن آتشسكسده به نیکان ورا بود کردار نیسیک بر آورد گرد از کسران تا کسران پدید آمد از بیخ وبسنیساد وی که دیس بهی تا رو او بود بود بر آورد از بُتْ پرستان هَــلا**ت** زدرونسد کِیشسان بر آورد دود بَد آموزرا رشته از بنس گسِست ازو بــود روشن شـدش داوری بُدى شاء با جمله امشاسفند دُرُج جمله زوگشت نایاب دست چو جاماستِ دانشـــورِ روز**گـــار** زمانه چو ایشان ندید وشنسود بر افتاد آئین ورَسَّے پلیسے جهان از بدیها تهی ساختنسد که نیکی برایشان سیزاوار بسود

برانداخت رسم بُت وبنكسده بكوشيد در نيكي وكسار نيسك 85 زخيل جهودان وجادوكسران چوگشتاب آن شاہ فرخندہ پی بیتگی زگشتاب این سود بسود روان ساخت در دهراین دین پاک یزش بر همان دین یزدان نمود 90 سرطاق بتخانه را كسرد يست بهر کسار زرتشت را یساوری زکردار وی او زمسرد بلسند ازو غالب ديو برهـم شكست پشوتن ازو بود واسفسنسدیسار 95 كزيشان همه رَسْم نيكى فـــزود ازیشان جهانرا بهی شد پدیسد نَو آئين بساط خوش انداختند مرین جمله سود جهان دار بود

سوال پنجاه سيوم دانا وجواب خرد

که مرکنک در را که بر پای کسرد نهفته که کر*دش بروی جـــهـــان* کجا مرتن سام را شد قسرار همی از آزل تا به بس روزگسار

100 به پرسید باز آن هشیــوار مــرد وپس¹ ساختن در کجا شد نهــان چه جایست جم کرد فرخنده پی که بِنهـاد وبِنهفت بنیـادِ وی

كزو ديو ودد باشد اندر خــروش که یاور بدو ایز*د* رهنههاست 105 شده رُسته بر دهر وبر آسستسار یذیرد ازو دیو وجادو گــریــز بذكر خسداونسد دارد مسراد چه کارش مدار وچه جایش مقام چه مقصود ازوهست وحاصل همان 110 چه باشد مُدار وچه خیزد بهی که هشدار تا گویمت جای کنک سروش خجسته ورا جای داد نه در آسمان ونه اندر زمین بیاکی ورادی ودور از گسنسه 115 بنا کرد جمشید فرخ گهرر بزير زمين ساختندش نـــهـان زمرغان وگاوان واز گوسفسنسد زيوشيدني نيــز وگستــردنــي بود اندر آن شہر با فیرھیے 120 جهانی سراسر شود کاست ازان جمله پابستهای نهاان به پیش دماوند کسوه اوفتساد

کجایست ماوای فرخ سروش خرى كشسه يايست جايش كماست اشایه، کجا هـوم آراسِـــار كزو باشد آرايسش رستخسين كجا ياك موبد شه بـــامـــداد زمانی که گلمائی آمد بـــــام كجايست سيمرغ را آشيان از امروش وجمروش با فربسهسي چنین داد یاسخ زماوای کسنسک میان زمین وهسوا از نسهساد ببالای ایسران یساک گسزیسن سیاوخش کردش بنا از بُنکه زجم کرد اگر باز جوی خسیسر به ایران وفرخنده کار آگههان زهر بهتری مسردم هوشمسنسد زهر رُستنسی وزهسر خوردنسی که هست از دری فرّخی وبهـــی چنین تا زهر چیز وهر خواسته دگر تازه آباد گــردد جــهـان بدشت پشندس تی سام راد

¹ Cf. v. 40, 41.

اشو رادیان نهصد ونسه هسزار که از جادو ودیسو ایمس بسود برو پاسبانسنسد در صبح وشسام بدریای وش (!) تخمه دارد مُقــر خدیو جہاں خواندہ جاں آفریں زنش دادن جمله دیوان ازوست بروز اندران دیدهبانی کسندد نگهدار تن باشد وهمم روان پناه وهان مرگه جنگ كــــيـــن بدریای وس تخمه باشدش جای که پاکی ورادی وبهبسود ازوست كه گردد زهجر ونساها بليد ازو پاک وہی بیم وایمسن بسود زداید همه ریمنسی وعسذاب صفا دارد ین کشور آرای هسوم به اندر اشایه کشی یایکاه اشوان زنه بیسور ونسه هسزار که پیوسته باشنــد ا*ش پــاسدار* به پیرامنش دارد آرامگاه زهر سان خرستر نگههداردش

برو بر گمساریسد پسروردکسار 125 همان نيز نه بيــور ونــه نــود چنین تا دم رستخیز السمسدام سروش اشوی خبجسته نسطسر ورا از در رحمت وآفسریسی که هریارمندی بگیهان ازوست 130 بہاں را² بشب یاسبانی کسنسد شناسا بود آشکار ونهان زدارای دیوان سروش مکسیسن خری را که پیوسته ٔ خوانی سه پای زهر گونهٔ رسم مقسصسود ازوست 135 مر آن آب کان گشته از بن پدید جز این نشان کاب ریمن شود (?) مر آن خرجو افتد نگاهش بر آب اشایه نهان دل آرای هسوم ورا نزد وس تخمه شد جایکاه 140 برو پاسبان کسرد پسروردکسار فزون نهصد ونه نود زیس شمسار همان نیز کلماهی نیک خسواه که تا دیـو آبی نــیـازاردش

¹ Translation of "Fravash i ashôān." Cf. v. 42.

Cf. Pahl. كمولاي and عملاي الله علي الله على الله عل

هر . MS. مرا يوسته . MS. هر

[•] MS. هيهر is the Zand hikhra, Pahlavi هيهر (Spiegel, die traditionelle Literatur der Parsen, Wien, 1860, p. 153, l. 9).

vourukasha. اشایه کشن = vourukasha.

بشهر هویرث بسود جسای وی میان تا بپایش جو گاو ژیسان 145 بذكر جهاندار سازد قسيام كند يشت وتوحيد يزدان يساك كزان ديو وجادو بماند تـــــاب شود صد هزاران خرستر تـــــاه نریزد بدریا یزش کسرده آب 150 خرستر ببارد پر از قهر وکییین بگیتی نه خاشاک ماند نه سنک زمردم به سختی بر آیسد دمسار ابر نحل وس تخمه دارد مقام شمارند طوبای فیسرخ نیسهاد 155 برو بشکند شاخ از وی هازار هزاران کشن شاخ با بسرک وبسسر بریزد بدریا همیه تخیم ازان پراکنده گردد بهدریسای ژرف به تشتر سپارد بدریا کسنار 160 سپارد بمیخ وفرستد بسه اوج بروی جهان تخم بار آوری بصحراى وادى ودريسا كسنسار بروید ازان تخمها بسر فسزون همه رُست بها زبالا ویست 165 زشاید وبایست از خورد وخفت زوش تخمه است آشکار ونهفت

یزش پیشه مربسد شه نیک پی بمانند مردم زسسر تسا میسان بدریای وس تخمه گیرد مقسام بدریاست پیوسته با ترس وبات فِشانَد به بحر آن يزش كرده آب ا بهر قطره آب اندر آن آبـگـاه ^د نسازد یزش گر مرا کهامیساب بهنگام باران بسروی زمسیسن جهان از گزنده شود تار وتنک نماند بشاخ اندران بسرک وبسار جو فرخنده سيمرغ گسترده گــام كجا نسام اورا بستسازى زداد چو بنشیند آن مرغ به روزگسار چو بر خیزد از وی بروید دگــر شکسته چو شد شاخهای گــران مران تخم با شاخهای شگرف پس آنکاه چمروش پرهیسزکسار دكر كُرُّه مازدش تيشتر بــمــوج ببارد مران ابسر بسا فسسرهسی بكهسار وهر بيشه ومسرغسزار درخت وگيا وگل گونـــه گـــون جهان *در* جهان را درو هرچه هست

¹ يزش كرده آب translation of Zaothra, Zdr.

21st Question of the Wise Man and Answer of the oopla.

Again he said: "Of the noble kings, the sublime and fortunate princes, who were amongst the Pêshdâdians, some were of good judgment and nature, Kayâmarth and Hôshang with intellect and understanding, Tahmûrath gained the victory, a keen warrior; how bright and glorious were Jam and Ferêdûn! Besides these just and strong kings—so one after the other down to Gushtâb Shâh, who went on the path of God's religion—some were oppressors, some just, some unjust, some good-natured. Why at all did God evince a want of them, which proved useful? Was it not good to put aside the wicked? to raise the good ones higher?"

Thus he answered: "God, from glory, recognised in this the signal of good. According to his wish he gave assistance to all of them, through which he afterwards opened the door of advantage. From the goodness and probity, injustice and justice, which, in a certain manner, was the character of each of them—the revolution of the globe and the course of time, appeared and disappeared (êv διὰ δυοῦν f. went on) in this manner. Through use and damage, noble and mean tendencies, the creation in this manner was disturbed. The almighty, wise, and victorious God received from each (of them) a different use."

Kayâmarth was useful by cleaning the world of devils and lusts; he did not think his own body precious (i.e. offered it); he prevented the hand of damage from doing evil. Also, over all mankind, he increased welfare till the day of resurrection. Out of the mines he brought forth all sorts of metals, iron, steel, silver, and gold.

Hôshang was useful in destroying the building and the impure devil; he killed two parts of all the devils of the world, when the time of severe revenge came over them. Dev and demon trembled at him; he is the founder of the jashni sadah (festival on the 10th of Bahman). Many institutions (besides) are founded by him, and he did many deeds.

The victorious Tahmûrath was useful in binding 'Iblîs, in making him powerless and helpless, using him as a sort of

vehicle during thirty years. The other use is this, that he made known the writing and reading of seven sorts of characters. He taught mankind the lines of the architect (taking them away) from the devs of a bad age.

Jamshîd had the use, that during a long time there was no death, lust, or oppression in the world. The world was adorned with cheerfulness; trouble and sorrow and misfortune decreased; it forgot all evils and embraced the cushion of affection. Further, as a deed of justice, he founded the science and art of the world, according to the law of heaven.1 All sorts of things were established by him. He made Jamkard a happy place, in which God recognised the good qualities. Then, from the snow and darkness of the dev, Malkûs, being so terrible that there arose a cry from the whole world, the Jinns and their servants are destroyed at once; of that dev nothing remains. God opens a door of the Jamkard and brings forth all sorts of beings, running, speaking, creeping, and growing. He gave to the world a world-guard, and increased the unanimity of the world. The world becomes cultivated a second time, and it (leg. وگيتي) gets another station. In the third place, he chose, from all pure things, the eatable ones, that food which is suitable according to the law of God; he ordered abstinence from filthy food and impure nourishment. Further, of all quadrupeds in existence, of the (whole) world, he did not give a part to the devs. This effect came only from Jamshid, that the whole world depended, in fear and hope, upon him.

Further, the Almighty God saw this advantage resulting from the serpent of the shoulder and Afrâsiâb, that, since the days of the wicked king had come, an age of the revengeful Ahriman, he transferred the dignity of the reign to them, whose nature was founded upon the action of the devs. And, if the sovereignty had not been settled on them, Ahriman would have reached his intention; to Hêsham he would have given the dominion of the world with oppression and tyranny, and that impure devil would not have been routed nor put to flight from the world till the day of resurrection. If, in that man-

¹ Verse 32 is omitted, as the text is corrupt.

ner, a dev had been the master, the world would have been utterly ruined.

The brave Ferêdûn had this use, that he chained Dahâk, the friend of the dev, with such a chain, that there is no deliverance nor quarter for that magician. And another use he afforded, in blotting out of Erân the unfortunate traces of the devs by cleaning the earth of them.

Mînôchihr became illustrious by this use, that he took revenge on his father-brothers Salm and Tûr. He cleared the earth of magicians with prudence and—a heavy club. He took many a city from Afrâsiâb, and got an ample satisfaction from him.

Kaikobâd was useful in opening the doors of justice to his people, in maintaining his government in perfect order, in keeping justice and virtue in a flourishing state. He always gave thanks to God and wore the belt, and from him the family of the Kayanians is derived. In the world he was exalted, and he went the way of virtue and dignity.

Karshâb (Keresâspa) was useful in killing the dreadful serpent, that was like a high mountain. When he raised his hand with arrow and bow, he killed the stupendous bird Kamak. Many a dev and beast of Ahriman's creation, perished in fight with this hero.

This advantage came from the famous Sâm, that he cleared the earth of the water-devil. He destroyed the house of the dev Gandarb; he raised a cry from the waterwolf. If, on the surface of the earth, a single one of the horrid creations of Ahriman had remained, there would have been no knowledge of the resurrection in the world, no hope of the good.

By Dastân and Rustam also some good, hidden and manifest, was done in the world.

Kai Kâ'ûs had this use, that Siyâvakhsh came from him. Siyâvakhsh had this use, that virtue and purity appeared from him, when he built a castle called Kang, whose use the

¹ So Neriosangh "pitrbhrâtarau;" 'Édal b. Dârâb in the "Farhangi Shâh-nâma," (MS. of the British Museum Add. 24413 f. 45 b. 2), "paternal and maternal grandfather." . نیا بمعنی پدر ونیز پدر مادر بود

wise Siyâvakhsh had recognised. He conducted himself with purity and virtue, when Kaikhusrû was born to him.

From the illustrious Kaikhusrû arose this advantage, that he diminished the honour of all the magicians. That prosperous father killed the king of the magicians, Afrâsiâb. Every action he founded on virtue, the world he freed of magicians. On the mountain, he concealed the door of Kang Castle, according to God's order, without helper or mate, so that for nobody is there now a way to it; no one knows how to reach that place, until Siyôshâns appears. The guard of the world opens for him and adorns the seven kishvars beautifully, for his sake.

Lurhâsp (r. Luhrâsp) afforded a use, by being a constant worshipper of God, by maintaining the whole government in order, by accepting the dîn and keeping it well in his memory. He destroyed the very traces of idols and their temples, he established the rites of the fire-temples. He strove after noble purposes and bestowed benefits upon good men. From the Jews and magicians he took away the land from one end to the other, when that king Gushtâb appeared from his house.

From Gushtâb the world got this use, that he spread the pure religion at this time, and destroyed the worshippers of idols. He praised only the dîn of God, he eradicated the followers of a wicked religion. He crushed the top of the cupola of the idol temple. The bad teacher ceased to exercise evil influence. He gave assistance in everything to Zartusht, by this his reign became famous. On account of his deeds, he was raised from a great man to a king amongst all the Amshâsfands. Most of the devs were defeated by him, he made all Drujas powerless. Pashûtan and Isfandiyâr came from him and Jâmâst, the wise man of his time. All good increased by them, no age saw or heard of men like them. They afforded benefit to the world, impure customs and manners vanished. A new law they founded, an excellent groundwork; they made the world free of evils.

All these (things) were the use from God, because all of them (the above mentioned heroes and kings) were bearers of a suitable good. 53rd Question of the Wise Man, and Answer of the oopla.

That wise man asked again—Who has built Kang-diz? After being made, where was it hidden? Who hid it on the earth?

Where is that fortunate Jamkard? Who built it and hid it? Where does the body of Sâm rest, from eternity to eternity?

Where is the residence of the happy Serôsh, for whose sake devils and beasts are in trouble?

Where is the residence of the ass with three feet, whose helper is the guiding Jzad?

Where is the Vourukasha, Hôm, the preparer, who has grown higher than fate and star? through whom the resurrection is prepared, dev and magician fly from him.

Where is the pure Mobad, the king of the morning? his occupation is to think of God. When the fish Galmahî comes, what is his work and his place? Where is Sîmurg's nest, and what is sought from him and obtained?

Where is the place of Amrôsh and Camrôsh? and what good comes from them?

It answered thus: As to the place where Kang-diz is—keep it well, that I may say it to you. The blessed Serôsh has assigned to it, from its foundation, the place between earth and air, above the pure and distinguished Erân, neither in heaven nor on earth. Siyâwakhsh built it from the foundation in purity and virtue, and without sin.

If you ask for the Jam-kard, it was built by the happy Jamshid, in Erân, and well-skilled men constructed it under the earth. Of all best things, prudent men, birds, cows, sheep, of everything that grows, that is edible, that can be used as clothing or bedding, which is of a good and auspicious class,—of all these there is something in that glorious place; so that the whole world was deprived of all its property. Again, the world shall become flourishing, through all those hidden and incarcerated things.

In the plain of Pashandas lies the body of the noble Sam before the Damavand. The creator ordered 99999 farvars of

the pure men (to watch over him), that it might be safe from magicians and devs. So they watch over it, night and day, till the day of the resurrection.

The pure Serôsh, with auspicious look, stays in the sea of the Vis-tukhma tree. The creator has called him, by way of grace and blessing, "master of the world," because all help in the world comes from him. The defeat of the devs comes from him; he watches by night over good men, and also by day time he takes care of them. He knows what is manifest and secret, and cares for body and soul. The bold Serôsh beats the devs, being a protector of goodmen for the time of the battle of hatred.

The ass, which is called "three feet," has its residence in the sea of the Vis-tukhma. It is destined for manifold purposes; purity, virtue, and welfare come from him. All water coming out of the ground, which has been stained by dirt and carcass, is purified by him. When the eye of this ass falls upon water, it purifies all impurity and vice.

The heart of the preparer Hôm is hidden in the sea Vouru-kasha; he rejoices this kishvar. His residence is close to the Vis-tukhma, in the Vourukasha. The creator gave him, as guardians, 99999 farvars, which always watch over him. Also, the benevolent Galmâhî has his place around him, that the water devil (Ahriman's toad) may not hurt him, protecting him from all sorts of kharastars.

The virtuous Mobad Shâh, whose profession is praising God, stays in Havîrath. From the head to the middle of his body, he is like a man; from the middle to the feet, like a terrible cow. His residence is in the sea of the Vis-tukhma, always engaged in pious meditation. He is always in the sea, in fear and sorrow, acknowledging and praising the pure God. He pours out into that sea the water made for worship (zaothra), that dev and magician may perish. Hundreds of thousands of kharasters perish by each drop of water in that sea. If he does not constantly praise, if he does not pour the Zaothra into the sea, then, at raintime, it would rain kharasters full of violence and hatred upon the earth. From this plague, the earth

¹ Verse 38 is omitted as the text is corrupt.

would be in darkness and distress, neither dust nor stone would remain in it. Neither leaves nor fruit would be on the branches any longer, mankind would perish most cruelly.

Simurg, with wide step, lives upon the palm tree Vistukhma; in Arabic they call it the fortunate Tûbâ. Sitting down, he breaks off 1000 branches; when he alights, 1000 huge branches, with leaves and fruit, grow out. When the heavy branches are broken off, all the seed is poured into the This seed, with the wonderful branches, is scattered in the deep sea. Then, the careful Camrôsh, on the strand of the sea, commits it to Tishtar. A second time, Tishtar brings it to the waves, commits it to the clouds, and sends it to the zenith. That cloud rains down fruit, gloriously bringing seed on the surface of the earth, on the mountains, forests, meadows, deserts, valleys, and borders of the sea. herbage, and various coloured roses grow from that seed in abundance; a world in the world, all that is in it, everything that grows, high and low; everything in existence depends upon the Vis-tukhma."

The contents of these extracts are to be compared with the results of Windischmann's and Spiegel's mythological researches; they will enable us to explain nearly all the variations from the Pâzand text, especially the additions made by Marzubân. Only of the building (بنیاد) destroyed by Hôshang (i. v. 20), and of موبدشاه instead of Gôpatishâh (ii. v. 10, 45 ff.), I cannot give any account.

- V. 12. To the one use afforded by Hôshang M. (Marzubân) adds another, the foundation of the festival Cashni sada in conformity with Firdausî, and perhaps taken from him. The report of it from the Shâhnâma is given by Windischmann, p. 194-96.
- V. 31. M. relates (v. 31-33) a use of Jamshid, the foundation of science and art (آداب), which is not in P. (Pâzand text).
- V. 35. That "malkôsān" (the biblical מלקוש), described in P. as a "rain," in other sources as a winter, appears here

¹ Zoroastrische Indien, ed. Spiegel, Berlin, 1863; Spiegel, Avesta ubersetzt iii. p. lii. ff.

- as a dev, according to the later tradition. Richardson's Persian Dictionary: name of a wicked person, on whose account the deluge was sent according to a notion of the ancient Persians.
- V. 41, 42. The third use of Jamshid, the definition of that which is allowed to be eaten and drunk according to the religious law, not being found in P., is probably to be derived from Yasna 32, 8. "Bagå, Neriosangh's dakshanayå" (in the passage, "yo manushyebhyah samåsvådayati asmåkam paçûnâm dakshanayâ khâdanam,") seems to have been taken in a meaning like the Pahlavi, thus حاتيا, or Pârsi saxhāihā, "in the right, lawful manner." (Cpr. Windischmann, p. 26, 27.)
- V. 43. The fourth use of Jamshid is also wanting in P. The second use in P. (v. 25) is not mentioned in M., but I think it extremely likely, as Windischmann (p. 203) has already supposed, that P. has in this place misinterpreted the original.
- V. 45-46. That Azhis dahâka is called "dizh pådishâh" (so in P., Spiegel, p. 132, v. 22, dahewat dahâk), is to be explained according to the later tradition; it was taken as an 'idafa, "az i dahâk," the serpent of dahâk, and afterwards divided into two mythical beings: the serpent (;1) and Zohak. This latter is the son of an Arabian prince, who rules the world 1000 years, being a personification of all sin and impurity. Erân left Yima, anarchy arose, an army goes to Arabia, making Zohâk king of Erân. Yima flies, is captured and sawn to pieces. From j\ the tradition made two serpents: the devil kissed the shoulders of Zohak and two serpents grew out of it (hence "mâr i dôsh," the serpent of the shoulder, v. 45), requiring as food human brain. This tradition, I should may, is a picture of the Conquest of Persia by the Arabs, the colours mixed up from very old and quite modern substances. Accordingly the "dahewat" of P. can probably be taken as a hint of the time of its composition being after the Muhammadan conquest.
- V. 62-64. Between Kaikawâd and Sâm, M. inserts Kere-Mapa on his own authority, but in conformity with the tradi-

tion. The serpent, which he kills, is the Srvara, well known from Yasna 9, 9. His killing the bird Kamak is also related in the mythological poems published by Spiegel (Einleitung in die traditionelle Literatur der Parsen, p. 343, v. 217).

V. 65, 66. M. contains some mythical elements, which I cannot thoroughly explain. The مرو المعالم denotes ii. v. 45. Ahriman's toad mentioned in Bundehesh, chap. 52, and is given in P. by "vak" (frog). Perhaps the "shêdâ i dayan mayyâ," (Bundehesh, ed. Justi, page 48, 5), whose enemy is the beaver, should be explained individually, not generally, as Justi does (ib. p. 27, 8, 9).

V. 66. Gandarb is in the later tradition the minister of Zohâk (Windischmann, 35, 40), but a special "building of Gandarb" is not known to me. The گرگت آبی "waterwolf," may possibly be combined with the dev Khavah, who appears in the shape of a wolf (Bundehesh, ed. Justi, p. 47, 17).

V. 69. Between Sâm and Kahôs, M. inserts Sâm's son Dastân, and Rustam, the son of Dastân, probably from the Shâhnâma.

V. 81-86. The information which M. has concerning Luhrasp—more than P.—is generalised from Firdausi, whose report is given and explained by Spiegel (Avesta, uebers ii. p. xi).

V. 94-97. Regarding Kai Gushtåsp, M. is more detailed than P., adding the names of his sons Pashûtan, Isfandiyâr, and Jâmâst, of whom especially Pashûtan (Peshôtanus), the ruler of Kangdizh, and the companion of Siyôshâns is a well known hero of the Zoroastrian mythology.

II. v. 13. To Camrôsh in P. (v. 10) M. adds Amrôsh; both Camru and Amru occur in the Farvardín Yasht (v. 109).

V. 17. M. gives the additional information of the building of Kangdizh, by Siyâwakhsh, in conformity to the Shâhnamah (Windischmann, 17, 245).

V. 24. Between v. 24-25, M. has omitted P. v. 5-7 and between v. 25-26 P. v. 9, 10 (Spiegel, p. 141).

V. 56. That the tree Vistukhma was a date tree (نخن), is a statement for which Marzuban himself is responsible.

Lastly, it must be noticed, that Marzuban's poetry is very vol. iv.—[NEW SERIES.]

much of the same character as the "Ergänzungen zu dem Shâhnâme aus den Riwâyets," (Spiegel, Einleitung in die traditionellen Schriften der Parsen, p. 317 ff). We have found it likely, that Marzubân used the Shâhnâma; here we find the exact quotation of it (1. 1. 330, v. 69).

"All this is related in detail in the Shâhnâma." A favourite expression of both is عن متازه كردن or تازه كردن (Spiegel, l. 1, p. 327, 5, 15; 330, 66, and very common in Marzubân). I therefore feel inclined to assign both authors to almost the same age, and this scarcely earlier than the end of the 16th or the 17th century.

It remains for us to state, that Marzuban often did not understand his original, and for this reason left out passages, or wrote something of his own invention; but from the particulars adduced above it will appear that he is an excellent witness as to the tradition of his age, always in conformity with either of the two sources of all Parsee tradition, the Zand texts for the ancient, the Shahnama for the modern. I would advise the future editor of the Mînôîkhirad not only to give the Pahlavî, Pâzand and Sanscrit versions, but also this most recent recension. Habent sua fata libelli—and here we have four different witnesses to the fata of the Mînôîkhirad, all well worthy of being listened to.

The same manuscript contains, on fol. 62-121, another work of Marzubân, a history of Anûshîrwân. This is, to a certain extent, a historical novel in the modern sense, with this great difference, that here, the action is not the chief point by which the author tries to amuse his readers, but the interspersed conversations on moral topics, "orient pearls at random strung." Possibly, the author had a political motive for composing this poem, as we shall see hereafter. It begins thus—

بنام ایزد بخشاینده مهربان آغاز داستان عدالت شاه نوشیروان از گفته مرزبان The author's name occurs again on fol. 118a 10.

برو بر درود دعا هر زمان فرستَد زاخُلاص دل مرزبان In the introduction (fol. 62a-63b), he states that he intends to glorify Anûshîrwân.

بهانجار نوشيرواني سخن كُنَّم وَصَّف نوشيروان كهن المناح

When Kobâd, the father of Anûshîrwân, became a tyrant, his brother Palâsh was raised to the throne. After the death of Palâsh, Kobâd, having wandered through a great part of the world, returns and takes revenge. His former enemies are compelled to fly, amongst them the wise Yûnân. "The world was then forty years under his dominion; he departed, and nothing remained of him but a bad name." Fol. 63b.

صفت پادشاه نوشیروان ونصحت نامه یونان

Having heard of Anûshîrwân's succession, Yûnân consults his horoscope, and obtains the answer, that Anûshîrwân would be a friend to him. Yûnân writes him a letter full of advice, and begs leave to return. Fol. 69b جواب نامه يونان Anûshîrwân, pleased with the letter, asks him to come. Yûnân sets out and meets رفتن یونان در نزد نوشیروان ,Yûnân sets with a glorious reception. The following chapters are uninteresting, as the same scene is repeated several times. shîrwân assembles the wise men of his empire to συμπόσια (אָלַם) with him, he holds disputations with them, in which Yûnân naturally plays the chief rôle. The subjects of discussion are ethical common places, of so vague and undefined a character, that it is not worth while dwelling upon them. As an effort to vary the tale, I consider the episode, that Anûshîrwân, after having heard a sermon of Yûnân's about moderation, resolves to send back to his home the son of Mundiri Arab, who is kept at court as a sort of prisoner on account of Anûshîrwân's آزاد کردن نوشیروان. having fallen in love with him (fol. 74b. آزاد کردن نوشیروان پسر مندر عرب). After several disputations, follows another episode, fol. 886. خبر یافتن نوشیروان از ظلم قیصر The Kaiṣar begins to oppress his people; Anûshîrwân writes to him, ordering him to conduct himself with more propriety. Kaisar obeys, excuses himself and sends valuable presents and treasures, with which Anûshîrwân constructs a garden, and builds in it a beautiful hall (ایوان). After this he invites the Khâkân, Kaisar, Faġfûr Shâh, and Shâhanshâhi Hindostân to come and see his work: they come and admire it. Anûshîrwân's power spreads so far, that "all the seven kishwars are to him as slaves (بنده وار)."

Fol. 92a, there commences an account of his building, the Adar Gushasp on the summit of a mountain, from whence he sets out for Madâ'in, and erects there a palace (کنّ). Lastly, he builds his own mausoleum (کنّفیه); Yûnân writes a book of which one copy is deposited in the Adari Gushasp, another in this dakhma.

Here (fol. 100b) the first part of the history ends. As a transition to the second part of the work, the author gives an account of the Sasanian kings, after Anûshîrwân, till the time of Muhammad. Though all of them had the desire to see the two large buildings of Anûshîrwan, none of them could find the way to them, but at last, 'Ali succeeded, with three companions, 'Abdurrahîm, Mamûn, and 'Abulkhair. He goes, with a large army, to the Adari Gushasp; here, an aged Mobad, Râmish Ârâm, brings forward an old book in Pahlavi, the one written by Yûnân: the future is predicted in it, the mission of Muhammad, the conquest of Persia by the Muslims, etc. 'Alî admires it so much, that he orders 'Abulkhair to translate it into Persian: then 'Ali sets out for Madâ'in (also called "Madîna"), where the Kûtuwals meet him and describe the dakhma as inaccessibly situated within a palace (کوشک). 'Alî, displeased by their advice, sets out again, resolving to destroy the kûshak in order to come to the dakhma. But his army, after having worked a whole year, sees that its destruction is impossible. Then, an old servant in the dakhma (or margauzan), whose ancestors were appointed to watch it by Anûshîrwân himself, is led to 'Alî. The pîr tells him, that the dakhma is inaccessible to everybody, but, that Anûshîrwân himself, (fol. 1086. 8),

چنان کرد در نامه خویش یاد که از تازیان شاه با دین وداد زخویشان پیسخمبر هاشمی بپوید برین کوه فرخ همی الخ

"has mentioned in his own book, that a pious and just king from among the Arabs, one of the relations of the prophet of the family of Håshim, will come to this auspicious mountain." Alî announces himself to be this king, and asks the pîr to lead the way. He sets out with a few companions. After having reached the dakhma, they find the body of Anûshîr-wân sitting on a throne; on a tablet and a ring are inscriptions in Pahlavi, containing moral sentences and the prediction of the arrival of 'Alî and his companions. 'Alî, after having uttered a long eulogy on Anûshîrwân, returns to Madâ'in, stays there three days and sets out for the Ka'ba, everywhere mentioning the name of Anûshîrwân. Then follows a moralizing paraenetic conclusion.

I give here the chapter immediately preceding the conclusion. (Fol. 117b. 11.)

رفتن حضرت امیر بزیارت کعبه وعهد نامه اهل عجم نوشتن سه روزش بد اندر مداین مقام جهارم سوی کعبه بر داشت کام سوی خانی اعظم آورد روی بر انجار زیارت نمود آرزوی بهر جا که رو کرد شیر خدای همی بر نهان بود نیکی فزای سخن داشت از داد نوشیروان هیمیی بود در یاد نوشیروان یکی عهد بِنوشت با دین وداد زدین بهسی کرد هرگونه یاد کسه از اهل بهدین ستم دور باد جفاجوی آن قسوم رنجور باد رساند کسسی که بران قوم بیم ورا جای باشد به قسعی مرزنش بهان قوم هرکس بود خوش منش نه بیند زآل نسبی سرزنش بههی را عبلی مرزنش دکر باره دیدن بهی را عبلی فرازید وبر کند بیخ سستی دکر باره دیدن بهی را عبلی مفازید وبر کند بیخ سستی منش نامی یافت همه شورش وفتنه آرام یافت منش مقال های ۱۸۵۵ منش عامره منس مقال ۱۸۵۵ منش عامره بخوس مقال ۱۸۵۵ منش عامره و منس مقال ۱۸۵۵ منش عامره و منس مقال ۱۸۵۵ منس مقال ۱۸۵۵ منس مقال ۱۸۵۵ منس مقال ۱۸۵۸ منورش و منورش

برو بسر درود دعسا هسر زمان فرستَد زاخلاص دل مسرزبان چو شد وصف مرغوزن شه تمام ورا نسامهٔ داد خواندیم نام که اندر جهان داد زیباتر است خنک آنکه با داد ودین پروراست که تاهست اندر جهان خال و آب بگردد هسمی بر زبر آفتاب

"Three days he stayed in Mada'in, on the fourth he set out for the Kaba, feeling the desire to walk on the path of pilgrimage. Everywhere, where God's lion came, welfare increased secretly. He spoke of the justice of Anûshîrwân, always mentioning him. He wrote a memoir (عيد) in piety and justice, mentioning in every way the good religion. May oppression be far from the followers of the good religion! an offender of them may fall into misfortune. To him who brings terror on this people a place in hell is destined. No one who is kindly disposed towards them, will ever be blamed by the family of the prophet (Muhammad). He will be happy in both worlds, according to the word of the prophet and 'Ali. A second time the world raised up the good religion and destroyed the root of oppression. Good men have reached their desire through it (the good religion); all trouble and disturbance is allayed. Marzuban never ceased to pray for it most sincerely.

"As the description of the Shah's Margauzan is finished, we have called this 'the book of justice,' because justice is the greatest ornament in the world. Happy he who educates in justice and piety; so long as there is earth and water in existence, he will surpass (in glory) the sun."

Some parts of this story are also found in a MS. of the British Museum, Add. 24, 413, but in totally different redactions. The two poetical fragments (metr. متقارب) fol. 69b.-74b. correspond:

I. Fol. 696-706, اندر مجلس کردن نوشیروان وپرسش او ,706-696 to Marzubân, با یونان وپاسخ یونان در آندرز وحقیقت دانش او fol. 736. 3-746. 11.

پرسش شاه نوشیروان عادل از موبدان ووزیران ,II. Fol. 706-74a, پرسش شاه نوشیروان عادل از موبدان ووزیران to Marzubân, fol. 766-816. The contents are in general the same, sometimes also the wording is very similar.

On fol .746. there is a postscript, stating that this رسالهٔ مُجَلِس was copied by order of نوشيروان was copied by order of نوشيروان (Mr. Major Malcolm Sâḥib) in Bombay 1225 H. = A.D. 1810.

The same MS. likewise contains redactions in prose of the above story on fol. 49b.-57a.

Fol. 49b.: 'Abulkhair 'Amrî speaks of the miraculous firetemple of Anûshîrwân, and of his disputation with the Mobads who lived there; they show him two books in Pahlavi, one by Zartusht himself, the other فرّخ نبهاله by Yûnân. 'Abulkhair translates the latter into Persian.

Fol. 51a. The same story about Anûshîrwân's father Kobâd, his brother Palâsh, and Anushîrwân's succession.

Fol. 516. Yûnân is called to his Court.

Fol. 53a.-57a. contain in prose the second part of Marzuban's tale, with the single remarkable difference, that here not 'Alî, but Mamûn is the hero. Fol. 57a. تمام شد این رسالهٔ The colophon states, that it likewise was copied by order of Mr. Major Malcolm Sâḥib in Bombay, 1225 H. = A.D. 1810. All these pieces are in the same handwriting as a Farhangi Shahnama in the same MS. (fol. 31-45), which is composed by 'Édal ben Dârâb (according to his own words in the preface) for Major Malcolm, and bears the same date.

Fol. 61a.-68b. in a different hand, offer a third redaction of the same tale حكايت رفتن هارون الرشيد براى زيارت دخمهٔ Here, instead of 'Alî and Mamûn, Hârûn Arrashîd is the hero. Some other slight variations are not worth mentioning.

The whole story is made up, as we have shown, in a not very artificial manner, of two distinct parts, and accordingly the author's purpose was a double one, in the first place, to glorify Anûshîrwân, the greatest of the Sasanian kings, his

love of justice, wisdom, and architectural works; and secondly, to bring the earliest Islamitic history in the person of Alî, its chief representative for the Shî'ah, into a certain relation to him, describing him as paying the utmost reverence to Anûshîrwân's memory. In this way, it would seem, the author, himself a بہدیں, tried to establish a claim upon the Muḥammadans for acknowledgement of, and especially protection for the remaining followers of that creed, which was Anûshîrwân's, whom and which, 'Alî himself glorifies, according to the tale of Marzubân (vide v. 4, 5 of the above given extract). The author adds, on his own authority, that "he who is well disposed towards them, never will be blamed by the prophet (Muhammad) and his family (especially 'Alî"). On this account, I suppose that this نامهٔ داد or " book of justice," is a a child of injustice and oppression; that Marzuban wrote it during his stay at Yazd, in a time of trouble and distress, in order to give the persecutors of his fellow Zoroastrians a more favourable idea of them. Marzubân speaks of himself, in the last verses of the introduction to Mînôkhirad, as follows (Fol. 9b. 10):

ولى گر پراكنده بينى سخن خطا پوش مى باش وغيبت مكن گر از گردش چرخ بيچاره ام بساطم پراكنده دارد سپهر نه بِنمايدم يكدم از مهر چهر وليكن سپاسم زپروردكار كه بر هرچه هستم نمايد گذار

"If you see my words orderless, excuse and do not slander. If through a revolution of fate I am helpless, continually in trouble and distress—my carpet has been torn by heaven, not a moment appears to me the face of love. Notwithstanding, the cause of my praise is God, who forgives me, how sinful I am." Perhaps we can take this individual description as a true picture of the state of all Zoroastrians in the Persian empire at his time. As the work is addressed to the Shi tic Persians, Ali is the hero, whilst in the more modern redactions (probably composed in India) Ma'mûn, or the common hero of Eastern tales, Hârûn Arrâshid, plays the chief part.

In the following pages I give, as a further addition to our knowledge of Pârsee literature, a review of the manuscripts treating of Zoroastrian matters, which are preserved in the British Museum. They are neither very numerous (fifteen) nor of first-rate importance, but still they give us an opportunity, in several instances, of bringing to light some things hitherto unknown in Pârsee literature.

I. Arundel Orient. 54. A copy of the Vandidåd Såda, the arrangement of the three sacred books, Vandidåd, Yasna, and Vispered, in which the single chapters are mixed together in such a way as to suit the recitation prescribed for the usual worship, similar to the arrangement of the Gospels for the services of the whole year, which we find in the Evangeliaria. Interspersed in the text there are numerous notes in Pahlavî, liturgical directions for the acts that are to be executed in connexion with the text, many of considerable length and more numerous than I find in any of the Vandidad Sadas of the Library of the India Office. As they are of great importance for the Pahlavi Dictionary, and specially for its most difficult part, the liturgical terminology, they fully deserve to be edited, for which purpose this MS. would do very well, the whole being in good preservation and clearly written. The following are common in all MS.: אָן = Pers. יו, "till," "etc."; ין פיין " till the passage;" ופלונטיש " to recite to the end;" اسلا دراه " to recite three times;" and the names of both the officiating persons, 418 and 11895. Of these latter some are to be found in Brockhaus' edition (Leipzig, 1850), while all the others are wanting.

On fol. 1486, at the end, we read شكست زد باد اهريمن دروند, "to say thrice: broken, beaten be the wicked, cursed Ahrîman, with all the devs and drujas." Then follows a short chapter (fol. 1486, 149a) in Pârsee (Zand character) on the evil eye (cashm) and look (nadara = نَظرة), and their different kinds. The MS. has no colophon; it was probably written in Karmân in the seventeenth, if not the sixteenth century.

II. Reg. 16, B.V. A copy of the Yasna (fol. 158) from Hyde's library, clearly written and well preserved. As usual, the single chapters are separated by two or three stars, smaller portions by a single one. Dated A.D. 1662. The following colophon on fol. 158b. line 5 ff.:—

Yô peñtâ yô ashahê îkètâb êzashnê tmam shûd—rôz amerdâth mâhâ ardibèhèsht sâl avar îakhazârsî az shehenshâh yazdgr sheheryâr îkètâb nvîshtem doâgôe (دعاگوی) kamtrîn hèrvada dârâb bîn hîrâ bîn Jadâ banslê (MS. banslnê — بنسل môbèdh hôrmaz yâr hèrbûdh ram yâr hrjèkhuānaṭ (Leg. هر كه خواند) yâ navîshṭ yâ amôzaṭ dôa âfrî kunaṭ êdûn bâṭ hûzsnê hûnêshā (هر-نشان) bâṭ êdûn bâṭ nèkî bâṭ khuba bâṭ.

The first words are the beginning of a sentence in Zand (not to be found in the Avastâ), that occurs at the end of several manuscripts. The completest form I know is in the MS. of the India Office Library, Z. and P. 2, p. 700.

Aêvô pantô yô ashahê vîspê anyaêsham apantam shatô manô vahêshtô urvanô.

The first verse, alike in text and translation, we find also in Z. and P. 5, p. 781, and with a different translation in Z. and P. 22, fol. 112, edited by Dr. Justi (Bundehesch Leipzig, 1868, p. xix)¹. Taking aêvô (instead of the yô of this MS.) as the genuine reading, I translate "single is the path of purity (v. of the pure man), all (the paths) of the others are absence of a path," i.e. they are no path, they lead wrong. Apantām is either the gen. plur. of apanta, "having no way, abolo," or the accus. sing. of the abstract apantâ, "absence of way," absence of the accus. sing. of the abstract apantâ, "absence of way," absence of way," arâsis, more correctly arâsish) = ἀνοδία. ΑβΑ I take to mean "besides," "and," and yo² equivalent to the Pârsî han, though I am well aware

² Instead of you the other translation has 32 years.

that the usual form is you. The second verse I do not venture to translate. The colophon proceeds thus:—

"This book Ezashne was finished on Amerdâd, of the month Ardibahisht, in the year 1030 after Yazdagird. I have written this book, the praying, most humble Herbad Dârâb b. Hîrâ b. Jandâ, in the family of Mobad Hormazyâr son of Herbad Râmyâr. Whosoever reads or writes or learns this, let him say a prayer and blessing. So may it be (huzasnê?) auspicious; so may it be, good and fair."

III. Add. 18, 396. Another copy of the same work, foll. 199, dated A.D. 1737 in the colophon on folio 199a.

فرچید پدرود شادی ورامشنی اندر روز شهریور امشاسفند ماه بهمن امشاسفند سال اور یکهزار صد و پنج از شاهنشاه یزدکرد شهریار ساسان شخمه شهرستان یران این کتاب اوستا یزشنه تمام شد. کاتب حروف من دین بنده موبد بهیکهاجی ابن دستور رستم جی بن دستور بهرام جی لقب سنجانه پرستار آتش ورهرام ساکن قصبه نوساری سرکار سورت داخل کجرات . اندر بلد هند . هر که خواند وان آموزد دوعای انوشه روانی برین بنده رساند والسلام . مالک این کتا سیت صاحب موبد مانک جی سیت ولد کروتمانی پشم احوانی نوروزجی سیت ارزانی یاد والسلام.

"Finished to the praise (of God), in joy and gladness, on

The same family is mentioned in the colophon of Z. and P. 17 (a copy of the Yasna with the Sanscrit translation) dated 925 = 1557, and of Z. and P. 2 (dat. 1129 = 1761; pag. 703 از نسل موبدان موبد هرمزدیار رامیار). By the uniform reading of the MSS., Dr. Justi's conjecture هورمزدیاری رامیار (Bundeh. page xix.) is excluded.

Both فرجيد I am inclined to consider as careless and false readings of المرابع (transliterated paraj pet in Z. and P. 8, last folio). Justi (Bundehesch, p. xix. l. 12) prints twice فرجفت where both MSS. have فرجفت Leg. ايران.

In this place Indicative and Optative are used promiscuously, کنان and کنان and مسانان and مسانان and رسانان

Shahrevar, of the month Bahman, in the year 1105 after Yazdagird, the Sasanian king of Erân. The copyist am I, the servant of the (true) religion, Mobad Bhîkhâjî b. Dastûr Rustamjî b. Dastûr Bahrâmjî, Sunjâna by surname, a worshipper of the fire Bahrâm, an inhabitant of the village of Nausârî, in the district of Sûrat, in Gujarât, India. Whosoever reads or learns this, let him say a prayer for bliss¹ for this servant. The possessor of this book is Mobad Mânakjî, son of the liberal and much esteemed² Naurôzjî, of blessed memory."

IV. Reg. 16. B. vi. (Hyde collection). A copy of the greater part of the Khurda Avastâ, dated 1674, foll. 67. It contains the following pieces:—

Fol.

1a. Yathâ ahû vairyô.

3a. Nirang dast sôi.

9b. Khurshêd nyâyish

20a. Mâh nyâyish.

27. Nyâyish Âtash Bahrâm.

35a. Paitaêtî (Patet Aderbâd).

48a. Gâh Rapithan.

53a. G. Aiwisrûthrem.

586. Nèkâh (نكاح) to fol. 656.

For. 1b. Nirang kustî bastan.

6a. Hôshbâm.

17b. Mihr nyâyish.

23a. Nyâyish Ardvîsûr.

32b. Duâê (Nâm-sitâishn).

45b. Gâh Hâvan.

51a. Gâh Uzîran.

56a. G. Ushahin.

حرفهای پازند نوشته است ولیکن پاز (پازند Then follows: (leg. پازند نوشته است ولیکن پاز (پازند sc. India) خواندن درینجانب

In the concluding chapter, the writer compares the Zand characters with the Persian, treats of the different forms of the Zand characters (at the beginning, middle or end), etc. Colophon, fol. 67a.: حرفهای اوستاوزند نویسنده هیربد زاده هیربد هرمزیار بن هیربد فرامرز بن هیربد قیامدین بن هیربد کیقباد لقب سُنجانه این کتاب فرامرز بن هیربد قیامدین بن هیربد کیقباد لقب سُنجانه این کتاب بروز انیران بماه اردی بهشت سنه یزدکرد در یک هزار و چهل ودو

ا Compare Z. and P. 2, p. 703—وانوشه روانی وانوشه روانی وانوشه رواند دعا وآفرین وانوشه برساند ونویسانندهٔ این کتاب برساند

² So translated on folio 201.

بعد از فرمایش کنورچی بن نماهانه (ناهانه or) پهایی مودی نوشته شد هر که خواند دعا کند¹

"This Avastâ u Zand, with the Pâzand and Avasta-Zand alphabets, was finished and copied by the Herbad's son, Herbad Hormuzyâr b. Herbad Ferâmrûz b. Herbad Kiyâmdîn b. Herbad Kaikobâd, Sunjâna by surname, on Anêrân, in the month of Ardibahisht, in the year of Yazd. 1042, after (!) the order of Konorjî b. Nmâhâna (b. Nâhâna) Phâî Mûdî. Whosoever reads it, let him say a prayer."

The same Herbad Hormuzyâr copied one year later, 1675, the Sad-dar i nażm, Add. 6998.

V. Add. 8997, foll. 203. [Avaståi darûn, a collection of those chapters of the Avastå, that are recited in the festivals for the deceased, the first of which takes place on the fourth day after the death. On the 30th day, the Yasna is read, and the Darûn Sîrôza, invocations of all the Yazatas, who preside over the single days of the month, over the months, etc. The same ceremony is repeated on every anniversary. This copy is quite modern, written (probably in Persia) partly in Zand, partly in Persian characters. Many pages are stained, the ink in many places nearly blotted out. The whole contains four parts.

1. The particular chapters of the Yasna, arranged somewhat differently from Anquetil's statement.2

Fol. FOL. 1b. Introductory prayer. 2a. Yasna 3, 1-8; 24-37; 52-60. 10a. Y. 23, 1-9. 12b. Y. 4, 1-28, 42-56. 24a. Y. 37. 25b. Y. 6, 1-22, 39-53. 32a. Y. 26. 37b. Short invocation of the 38b. 6 Y. 7, 1-29; 43-55. five Gâhs. 46b.7 Y. 23. 49b. 5 Y. 7, 59-69. 51a.7 Y. 8, 1-3; 5-9. 53a. A short prayer. 53b.1 Y. 8, 10-18. 55b. 2-10 Y. 4, 53 and a short prayer.

This phrase, which occurs in the colophon of almost every Parsee MS., has originated from the Greek; it is developed, as usual, through the medium of the Syriac, σο μοι ως ου ο the και οι ἀναγιγνώσκοντες εὕχεσθέ μοι κ.τ.λ. which frequently occurs in Greek MSS.

³ See Spiegel's translation of the Avastâ, ii. p. lxxix.

CONTRIBUTIONS TO THE

In general, there is omitted the piece corresponding to Yasna 4, 29-41, and the invocations are shortened; besides, there are many other variations from the texts, in accordance with the liturgical purpose of this compilation.

- 2. Fol. 56a.-149a. The Farvardîn Yasht, invocations of the Fravashis, who exercise the intercession) for all mankind at Ahuramazda's throne. It is usually read on the Farvardîn, Khurdâd, Tîr, Bâd, and on the Gâthâs, the last ten days of the year.
- 3. Fol. 149a.-169b. The three Afringans, each preceded by a short introduction. They are also read on the Gathas, in commemoration of the deceased.

Âfringân Gâhanbâr, fol. 149a-155b. Âfr. Gâthâ, fol. 155b.-164b.

Åfr. Rapithwin, fol. 164b.-169b.

4. Fol. 170-203. The Sîrôza. Each prayer or invocation appears in two different redactions, the so-called greater and lesser Sîrôza, one نه الله (i.e. to âyêsê yasti, the beginning of the verses in Yasna 3), the other نه الله الله (i.e. to yazamaidê, compare Yasna 5 and 6). They are substantially identical with those published and translated by Anquetil, Westergaard, and Spiegel.

Fol. 170-173b., the Sîrôza of the thirty days.

173b.-174 (+b.), the same for the months.

174 (+b.)-176a., for the five Farvardiân.

Then follow Darûns for special days, a darûn myazdi gösfand (Fol. 180b.), for the seven Amshâsfands (fol. 185a.); lastly, for Amerdâd, Rashnu, Ashtâd, and Zâmyâd (fol. 201a., unfinished).

For a better understanding of this, the following particulars will be useful. The Darûn sacrifice is performed in honour of the seven Amshâsfands, Rashnu râzista, Sraosha and the Fravashis, on the days Mithra of the month Mithra, on Khurdâd of the month Farvardiân, on the Gâhanbârs, on the five last days of the year, and on the fourth day after a death. Three Darûns are offered, one to Rashnu râst and Ashtâd, one to Sraosha, and one to the Fravashis of the pure. The relation of Sraosha, Rashnu râst and Ashtâd to the cere-

mony 18, " they lead the departed souls over the bridge Cinvat.

Of the third part, fol. 194a.-203 is written in Zand, the rest in Persian characters (like the short interspersed prayers in the first part). The MS. has no colophon, but was probably written in Persia towards the end of the last century.

A noticeable fact in this MS., also occurring in several others, is the system of transliteration into Persian characters, applied to Zand texts. That it is a system which, to a certain degree, accurately represents the original, and is unvarying, will be proved by the following details, which may serve also as a help to the rather puzzling task of reading a Zand text in Persian characters.

ا represents sometimes short a in fine, اعزد = mazda; أ = u, تدارودينه taurvayêni.

verethraghnem; ته verethraghnem; وره ترغنم thwaêshô, وره ترغنم vāthwyô.

z=j; z=c; z=kh q; z=dd; z=dh, ويد دويشته و vîdhvaêshtwô.

It may be noticed here, that in Sanscrit, as written by Parsees, the خ = kh is usually changed into sh: hûsht هوخون, mînôishirad مينوى خرى. As a curiosity of some interest, I give the Sanscrit colophon of Z. and P. 19 (a copy of the Mînôikhirad with Neriosangh's translation), a specimen of many of the kind.

संवत १५७७ वर्ष कार्त्तक शुद्धि अष्तमो वार शुक्के आधह श्री
नाममंडलकर्णे पार्सी संवत ५५० साल इससवद्यक्षस रून साइ
रैकदकरद सिहरी आर रीज रक्षां माह बह्यंन उ॥॰ पदमापोच उ॥॰
मही आरसातल उ॥॰ महिरवांन पुस्तक मर्नोर्षिरद लिखतं ए॰
पास्हणमृत ए॰ बिहिरांम लखावितं ए॰ यदि कािप पटयित यदि
कािप गुणयित बिद्धि कािप उत्तारयित तस्य कार्थे मया लिखतं शुभं
भवतु॥ इमत इष्त इष्त इष्ति ॥

"In the Samvat-year 1577, in the month Kârtika, on the 8th day, in the

in initio = thr, سراتوتمو thrâtotemô, سراتوتمو thradaṣo. m = s and sh; m = sh.

فوعربو nâumô; i in ناعمو nâumô; i in ناعمو nâumô; i in فوعربو paoiryô, عنكهه imat, فرعد frôit; a in آعد aín آعد anhê; عد anhê اهماعه ahmâi.

gh; نک gh; gh;

ويسفيشو u in اهوره vîspaêshu, اهوره ahura; and = ô, o, w, v. الله الله ahura; and = ô, o, w, v. فردتيش yâtûshca, ياتيشچه yâtûshca, كدوتيشچه vohû, ميرم gadôtûshca, كدوتيشچه framrûidhi, فردمريعدى khshnûmainê.¹

اتره a in مزده mazda; ê in fine, مزده mazda; ê in fine, مزده mazda; ê in fine, هزه مره يا framruyâo; فره مره يا yazamaide; u in med., فره مره يا spitama. Besides, s is sometimes quite superfluous, خشه وش khshvash, ويده ويشته و vîdhaêshtvô, خشته و khshtwô.

The vowels a, ĕ, i, u are commonly not expressed; likewise o in رهو (besides وهي). The diphthongs (in med.) are usually represented by only one vowel.

As a short specimen of this system of transliteration, most likely, I should think, originating in Persia, I give the دروں (fol. 180 seq.) in extenso.

bright half, in the period of Srî Nâga; in the Pârsee-samvat 850 of Shâh Yazdagird Shahryâr, on the day Rashn, in the month Bahman; this book, Mînôikhirad, was written by Mihrbân b. Mahyâr, a native of Padampûr, and ordered to be written (ونويساننده) by Bahrâm b. Pâlhan. If anybody reads or increases (?) or translates this, may in this affair my writing be pleasant (to him.). Well thinking, speaking and acting!" This was probably translated from Pahlavî, as Corresponds to the word-separating stroke in Pahlavî; of the U I cannot give any account.

1 For this singular mistake in rendering û by !, I cannot account. I have to add, that also in the transcription of Pahlavi, û is frequently expressed by !; for instance, in the Pahlavi-Zand-Persian Glossary, Add. 22379 and 22378 (both by the same hand), التين عدمها وينيك اداردا ودنيك اداردا وينيك اداردا

- 1. خشنیمینه اهوره مزدا ریوتو خردننکهتو امشنام 2. ونکهود مننکه آخشتوعش همونتیا تردداتو انیاءش دامان آسنه خرتوو مزددداته کوشوسری ته خرتوو مزددداته
- اشه وهشته سریشته اعریه منو عشیه سیره مزده داته سوکیا ونکهایا ووعُرو دوعتریا (181a) مزده داتیا اشونیا
- 4. خشتره وعریه ایوخشسته مرژدکاعه سرایو درهغو وه سفنتیا و نکهایا آرمتوعش راتیا ونکهایا ووعُرو دوعتریا مزدهداتیا اشونیا (هر روزی که باشد کفتن وپس وروز آدر)
- 9. آترو اهوره مزدا فتره خره ننکهو سونکهو مزده داته اعرینام خره نو مزده داته کاویه چه خره ننکهو مزده داته آترو اهوره مزدا فتره کووعش هوسره و نکهه هه وروعش (1816) هوسره و نکهه اسنه و نته کروعش مزده داته کاوه یه هچه خره ننکهو مزده اته آترو اهوره مزدا فتره ریونته کروعش مزده داته کاوه یه هچه خره ننکهو مزده داته آترو اهوره مزدا فتره آترش سفنته رتیشتاره یزه ته فوعرو خره ننکهو یزه ته فوعرو بیشه زه آترو اهوره مزدا فتره مد یزه ته فوعرو خره ننکهو یزه ته فوعرو نیریوسنک (182a) ه هته یزه ته ماه مانکهه هه کوچتره کی عُش چه ایوو داتیا کی عُشچه فوعروسره دیا ماه مانکهه هه کوچتره کی عُش چه ایوو داتیا کی عُشچه فوعروسره دیا اشونیا مزده داتیا
- 21. رامه نوخاسترهه ویوعش افه رو کریه تردداتو انیاعش دامان ایتد تی ویو ید تی استه سفنتو مینیوم تواشه خداته زُروانه اکرنه زُروانه دره غوخداته ویسفیشام یزدتنام تا سر اوختو نامه نویزدته (1826) دو بار کفتن

فه راه يزدميده

- 1. اهورم مزدام ریونتم خردننکهنتم یزدمیدد امشا سفنتا هوخشترا هودانکهو یزدمیدد
- 2. وهومنو امشم سفنتم یز آخشتیم همونتیم یز تردداتام انیاعش دامان آسنم خردتیم مزددداتم یز کوشوسریتم خردتیم مزددداتم یز 3. اشم وهشتم سریشتم امشم سفنتم یز اعریمنم عشیم یز سیرم مزدد (183a) داتم یز سوکام ونکهیم ووغرو دوعترام مزدد دانام اشونیم یز 4. خشترم وعریم امشم سفنتم یز ایوخشستم مرژدکم سرایو دردغیم یز 6 سفنتام ونکهیم آرمیتیم یز راتام ونکهیم ووغرو دوعترام مزددداتام اشونیم یز

هر روز*ی* که بید کفتن وآدر

- .12 مانكهم كوچترم يز كاعُم ايووداتهه أرانو فرةوشيم يز كاعُم فوعُرو سردده أرانه فرةوشيم يز (1846).
- .14 كى عُش هودانكو أروانم يز درواسفام سيرام مزده داتام اشونيم يز ً 21. رامه خاسترم يز ويم اشهونم يز ويم آفهرو كه عريم يز ترهداتام

انیاعش دامان ایتد تی ویو یز ید تی استه سقنتو مینیوم تواشم خداتم يز زروانم اكرنم يز زروانم درهغو خداتم يز ويسفمچه اشهونم مينيوم يزوتم يز ويسفمچه اشهونم كيتيم يزوتم (185a) يز اشونام ونكهيش سيرا سفنتا فرهوشيو ستومه تا سر كفتر،

VI. Add. 8996. A collection of Yashts and prayers (foll. 65); dated 1855.

- 1. Fol. 1. Bahrâm Yasht. 2. Fol. 18a. Atash Nyâyish.
- 3. Fol. 22b. Afrîn of the seven 4. Fol. 25a. Patet Erânî. Amshâsfands.
- 5. A collection of prayers with the following names:—

Fol. 456. نماج اورمزد "prayer to Ormazd."

Fol. 49a. بنام دَادار "in the Creator's name."

Fol. 56a. سياس اكنارة "boundless thanks."

Fol. 576. نام خاور "the name of the Lord." Fol. 60a. چترم بیاد "it may be manifest."

Fol. 64. دعای چشم زخم " prayer against the evil eye," Yasna 32, 10.

Numbers 1 and 2, and fol. 64 are Zand, the rest Parsi; the whole is written in Persian characters, except fol. 64. It deserves to be mentioned, that in this MS., as well as in Add. 8995 (both, I suppose, written in Persia), the Yashts and Patet Erânî have a peculiar introduction prefixed to those given by Westergaard and Spiegel. The latter are usually found in Indian MSS. The constant phrase at the beginning is As a specimen, I give the introduction to the Bahrâm Yasht, fol. 1.

مس و ولا فیروزکر باد فه مینوی اردی بهشت بلند وآدر وسروش وورهرام ایزد اشوی ورجاوند هماوند فیروزکر خشنوتره اهوره مزدا اشم وهي سه فرهورانه هركاه كه باشد اهورهه مزدا ريوتو خره ننكهتو امشنام سفنتنام امهم هوتاشتهم هورودهم وردترغنهم اهوردداتهم وننتياسيه افردتاتو خشنوتره يسناعچه تا وامروتي

"Great, good, victorious in heaven be Ardibahisht, the sublime, and Âdar, and Srôsh, and Varahrâm, the pure, active, powerful, victorious Yazata." We find similar introductions prefixed to the Âfrîn of the seven Amshâsfands, Patet Erânî, and Srôsh Yasht Hâdôkht (Add. 8995 fol. 17a). Whether they serve for a special liturgical purpose, and for which, I have no means of ascertaining.

The prayers, fol. 45b.-63, would form a very valuable publication, less on account of their contents than their language. They are not without considerable difficulties, and I doubt, whether this single MS. would suffice to give a reliable text.

نوشتم از بهر اشایه: The following colophon stands on fol. 65: ورزی دین چاشیدار پتت گفتار ستایش نیایش نیکو خصال پسندیده اقبال جهان فرود خلق خالق که تا صد وپنجاه سالان کار فرمایند پس اج صد وپنجاه سالان بفرزندان فرزند ان دکابه (کتاب .leg) اوسپارند ظط (خط .leg) بندهٔ کمترین خاك پای دانشوران یکجهت دین وهٔ مازدیسنان کیقباد بهشتی روان رستم لهراسب بتاریخ روز فروردین ایزد اج ۱۹ بهمنماه قدیم سنه ۱۲۲۳

"I have written this for the sake of purity, that works religion, teaches penitence, speaks noble and pleasant prayer and adoration, the progress of the world, the furtherance of the Creator's creations—that they may use it till 150 years, and then after 150 years hand it over to the grand-children.¹ Written by the most humble servant of all dust-born scholars, the follower ("") of the good Mazdayasnian religion, Kaikobâd Bahishti-Rewân (?) Rustam Luhrâsp, on the Farvardîn, the 19th of the Bahman A. 1223, according to the era of the Kadîmîs."

VII. Add. 8995. A collection of Yashts, the whole in Persian characters. Imperfect at the beginning, the number of the first leaf being 15. Dated 1766.

1. Fol. 1. Ormazd Yasht, beginning with v. 5 (ed. of ¹ The same phrase occurs in the Pahlavî colophon edited by Dr. Justi (Bundehesch, pag. xix).

فردمریعده اشاعم اهوره مزده ید تی استه مزشتمیه (Westergaard وهشتمیه سریشتمیه تا

- 2. Fol. 106. Ardibahisht Yasht.
- 3. Fol. 17a. Srôsh Yasht Hådôkht.
- 4. Fol. 246. Srôsh Yasht.
- 5. Fol. 34-51. Patet Erânî.

نوشتم من دین بنده دستور رستم دستور .Colophon on fol. 51a. بنده دستور رستم دستور بنده اندر روز خیر ایزد اج امرداد ماه قدیم سنه ۱۱۳۴ یزد جردیه فرجام یافت

"I wrote it, the servant of the (true) religion, Dastûr Rustam b. Dastûr Jâmâsp, on the day of the best Ized (?) of the Amerdâd, in the Kadîmî year of Yazd. 1144. Finished."

VIII. Add. 8994, Fol. 139. A collection of several smaller pieces; dated 1858.

- 1. Fol. 1. Ormazd Yasht (v. 1-33) in text (Persian characters), Persian paraphrase and commentary.
- 2. سوکند نامه, "the oath-book," a legal treatise on the obligation of an oath, the duty of an intermediator, the ceremonies connected with the oath, the formula jurisjurandi itself. Substantially it is the same with that given by Spiegel in "the Avastâ translated," ii. pag. lvi., but they are two different redactions. The present copy is so full of blunders, that it alone would not enable one to make an accurate edition of the text.
- 3. Fol. 46. Riwâyât, ordinances concerning several duties of the Zoroastrians.
- 4. Fol. 61b. نصبحت نامه بو زر جمهر حکيم وکنکارشاه نوشيرواني. "the book of good advice, by Abû Zar, the doctor and kankâr-shâh (?) of Anûshîrwân." The story is this, that Anûshîrwân assembles 23 wise men; each of them utters a maxim (حکمت) and Anûshîrwân orders these to be written down in golden ink; then follow the 23 maxims of an ethical and paraenetic character.
- 5. Fol. 74. A paraphrase of the Ashem vohu with a commentary; and Fol. 100, the same for the Yatha ahû vairyô.

- 6. Fol. 816. Short questions addressed to the wise Jamasp with his answer; for instance, who is the best? The wisest?
- 7. Fol. 846-996. A story of Anûshîrwân. He asked the wise Abû Zar Jamhar to compose a book about him; Abû Zar did so, calling it خفر نامه. Then he reports a conversation between himself and his teacher concerning ethical topics.
- 8. Fol. 104b.-139. The book of Dâdâr b. Dâdukht, a wise man in the time of Shâpûr, the son of Ardashîr b. Bâbak; in questions and answers. In the introduction it is stated that the book was translated from Pahlavî by Jalîl b. Jahyâd b. Mihrbân, and transformed into a new edition by the Mobadân Mobad Abû Nafrîn (!) Srôshyâr.

این یکدفتریست که ویرا راسته خوانند داد بن دادخت موبدان موبد کرده است در روزکار شاپور بن اردشیر بابکان بود وبن دادار (!) موبد کرده است در روزکار شاپور بن اردشیر بابکان بود وبن دادار (!) استاد خواندندی واستاد جلیل بن جهیاد بن مهربان از این کتاب رغبت افتاد واز (105) زبان پهلوی بزبان پارسی آورد تا هر که را رغبت کند خوش در تواند یافتن وموبدان موبد ابو نفرین (!) سروشیار از شخمه آدرباد مهردسفندان که از نسل دادار بن دادخت باشد (!هذه واجب دید وکفتار ایشان را تازه کردانید تا ثواب مزد آنرا بروان وخویش (506) وا آنبهشتی رسانیده باشد

Then it proceeds: The Kaiser ابوليوس sends to Shâpûr, at his request, learned men to translate the Greek medical books into Persian. These philosophers encroach upon the dignity of the Zoroastrian creed, which they despise, for if the revelation in the holy books of the Persians were true, it would have taught them also the medical art. Dádâr answers them, that when Alexander had come to Persia, he availed himself of the Persian literature collected in Istakhr; that there Aristotle translated the Persian medical treatises into Greek; and that from him the other philosophers received this knowledge. Then follows a disputation on physical topics,

the generation of man, the sexes, the frôhars, the divine sense (آسن خرد), sleep, etc. At last the Greek savants, when asked by Dådår for an explanation of the evil principle, Ahriman, are defeated. The MS. has two colophons, on fol. 104a. and 139a; it was copied by Rustam b. Tîrân in the year 1226 of Yazdagird.

IX. Reg. 16. B. II. (Hyde's library), contains the poetical edition of the Ardâivîrâfnâma, fol. 1-94 in Zand characters; fol. 106-152 the same in Persian characters. Title:

Zartusht Bahrâm is, besides, the author of the Zartusht and Canghraghâc-nâma. Both texts agree with each other in all particulars, except a few slight variations arising entirely from the want of a fixed system of transliteration.

The same MS. contains on fol. 95a., the Pârsee names for the days of the month; 95b., the names of the months; 96a., Yathâ ahû vairyô, Ashem vohû and the Kurshêd Nyâyish; 103a., the names of the devs; 103b., the names of the Yazatas and Amshâsfands; 104b., the names of the Persian kings from "Kayaomaras" to Yazdagird. The whole is in Zand characters.

تمام شد .Twice the same colophon, on fol. 95a. and 152b. کتاب اردا ویراف بروز خرداد بماه مبارک بهمن سال اور هزار وچهل وهفت از شاهنشاه ایزد جردی تمام شد ونویسنده کاتب الحروف بنده هیربد زاده هیربد خورشید بن اسفندیار بن رستم هر که خواند آفرین کند

Copied by Herbad Khorshêd b. Isfandiyâr b. Rustam. Finished in the year 1047=1679.

X. Reg. 16 B. I. Another copy of the same work, likewise giving a double text in Zand and Persian characters (fol. 1-174). Besides, it contains on foll. 174-330, written in the same manner, the Saddar i nazm, incomplete. The last thirty "dar" are wanting.

This MS. has no colophon; it seems, however, to be written by the same hand as Reg. 16 B. II., Khorshèd b. Isfandiyar b.

Rustam, A.D. 1679. On the first fly leaf we read:—"This book is very hard to be procured, for when I had prevailed with the Priest to write it for me, he durst not let his own caste or sect know of it, but wrote it all in the night, when all eyes were shut and asleep."

XI. Reg. 16. B. XV. (Hyde's library). A copy of the Saddar i nazm (foll. 165), dated Muharram 1050 of the Hijra = A.D. 1640. This work has been long known in Europe by Hyde's Latin translation in "Veterum Persarum ctr. religionis historia, Oxonii, 1780." (Second edition).

XII. Add. 6998. Another copy of the same work (foll. 420, written by a European hand, with Hyde's Latin translation. The original of this copy was dated A.H. 1043 = A.D. 1633, and written by Hormuzyar b. Ferâmrûz b. Ķiyamdin Kaikobâd (see under No. 4).

The author of this poetical edition of the "hundred doors" مددر is not known. He states in the introduction, that he went to Karman and studied there under Dastûr Shahriyar b. Melikshah, the author of the ground work in prose (کتاب صددر نثر) quoted in the collection of Riwayat, MS. Anquetil xii., Spiegel's tradit. Lit. der Parsen, p. 89, anm. 1). The date of the composition of this is 864 of Yazdagird=A.D. 1496.

XIII. Add. 24, 413 foll. 94. A collection of treatises, purchased from Major Malcolm. It contains—

1. اغاز داستان بهدینان فارس fol. 1-19, beginning اغاز داستان بهدینان قارس Commencement of the "Commencement of the history of the Behdîns of Persia, who emigrated from Erân to Hindostan." Translated by E. B. Eastwick, in the Journal of the Bombay Asiatic Society, 1842, p. 168 sq. Quite modern handwriting.

2. Fol. 22-25. A fragment of a Pahlavî dictionary, explained in Persian, arranged according to the first and second letters of the words. The author frequently quotes Zartusht Bahrâm. Incomplete at the end; last words المنتينا با اول مفتوح بثانى زده وتاى معروف لبرا كويند وآنرا بتازى شفة وتاى فوقانى مكسور وياى معروف لبرا كويند وآنرا بتازى شفة كوانند

- 3. Fol. 31-45. فرهنک شاهنامه, a short explanation of old words occurring in the Shâhnâma, composed by Êdal b. Dârâb, at the request of Major Malcolm, in the year 1179 of Y.—A.D. 1809, in Bombay.
- 4. Stories of Anûshîrwân, (see p. 34), a. fol. 49-57, copied by Êdal, in the year 1179 of Y.; b. fol. 61-68, by another hand; c. in verse, fol. 69-74, copied by Êdal, in the year 1179 of Y.
- 5. Fol. 77-84. Another work composed by Edal, at the request of Major Malcolm, treating of the Pârsee names of the days and months, and about the festivals Naurôz, Naurôz i buzurg جشن مهرکان and جشن تیرکان
- 6. Fol. 85-94. The history of Ardashîr b. Bâbak, in Pahlavî. Quite modern handwriting; not improbably composed by Êdal b. Dârâb.
- XIV. Add. 22,379. A copy of a Pahlavî glossary, with transliteration into Zand and Persian characters, and a Persian explanation (foll. 38). It begins with seven introductory verses in mutakârib; then a comparative table of the Pahlavî, Zand, and Persian alphabets. From fol. 3b. follows the glossary in 24 abwâb (chapters), arranged according to subjects—names of God, the angels, elements, world, animals, etc.; lastly, the names of the days and months, the five gâthâs and the numerals. The whole is clearly written (in India), and in good preservation; the bottom of the first twenty leaves is a little damaged. There is no colophon, but the MS. probably dates from the latter half of the last century.

This glossary is, I think, the same that was published by Anquetil, though not in the original order, and inserted by Dr. Justi in his dictionary to the Bundehesh, and which Dastûr Hoshangji is going to edit. As nobody has given a description of the work in its original order, I have no means of deciding this question; but a careful comparison has shown me, that all the words adduced by Dr. Justi from the Parisian MS., are found here, along with some others, which do not seem to occur there. In the Persian explanation, other words are sometimes used than those quoted by Justi. About the

identity there can be scarcely any doubt, but possibly this MS. offers a somewhat different redaction.

XV. Add. 22,378 is written by the same hand as Add. 22,379. It contains four pieces, viz.:—

- 1. Three sections of the Bundehesch (chap. xviii., portions of chaps. xix. and xx); the Pahlavî text with Persian transliteration and Persian translation, interspersed with a commentary (or glosses). Fol. 1-8.
- 2. In the same manner, the beginning of the Shikand Gumânî Gudhâr (foll. 8). It breaks off with the following passage:—

گومن زدم مویتونید کبد ادودنکیها کبد سردگیها چِگین کبد دینی کبد ادمونشنی دیین انبام مون همای ادوک روتمن دود انبسان هم بدی

- 3. A Zand glossary. In the first column, the Zand word with Persian transliteration; in the second, the corresponding Sanscrit (on the first page with Gujarâtî, afterwards with Persian transliteration); and in the third column, the Persian explanation. Foll. 32.
- 4. A few notes on the sounds of the Zand language as compared with those of the Persian and Gujarâtî (unfinished). Foll. 4.

This MS. has been used by Dr. Justi for his edition of the Bundehesch, and is described in the Introd., p. xvii.

P.S.—When I wrote the description of the Anûshîrwân romance and its different redactions, I was not aware of a most interesting fact, which considerably strengthens my opinion of its being composed from a political motive. Dr. E. Polak, in his valuable book, "Persien, Land und Leute, 1861," p. 28, says, that the Gabrs in Yazd are indebted for their existence, however wretched it may be, in the main to a "Freibrief" (writ of toleration) of 'Alî, which they pretend to possess, and that without this they would have vanished long ago from the soil of Iran.

Hitherto I was not able to state anything about the time of Marzubân. At present, however, I see that I did not

¹ By the way it may be mentioned, that Z. and P. 15 (India Office Library), which bears the title of Shikand Gumânî, is a Patet in Pahlavî.

pay the necessary attention to one verse in the introduction to the translation of Mînôîkhirad, viz. fol. 9b. l. 9.

"If you count its (the book's) name, then it will be a commemoration of me and of it and of you." Now, the name of the book is oak and the numerical value of these characters, added together, gives 980. This, according to the era of Yazdagird, would correspond to A.D. 1612, which date comes pretty near to my conjecture on p. 30, l. 9-12.

ART. VI.—Illustrations of the Lamaist System in Tibet, drawn from Chinese Sources. By Wm. Frederick Mayers, Esq., of Her Britannic Majesty's Consular Service, China.

[Read April 19th, 1869.]

In the following paper some illustrations of the method by which the Lamaist succession in Tibet is perpetuated, are drawn from a work published within the last few years by a Chinese officer of high rank. Its author, Mêng Pao, was chief of the two Imperial Commissioners or Residents stationed in Tibet in 1840-44, and on his return to Peking printed, for private circulation, a small volume containing his official correspondence with the Emperor Tao Kwang in the course of some five or six transactions connected with the administration of Tibetan affairs. The memorials and decrees interchanged on the occasion of the installation of a new Dalai Lama possess exceptional interest, as throwing a considerable degree of light upon the method of procedure in this case, and a translation of the most important documents in this series has therefore been undertaken. For a partial elucidation of the subject in general a few notes are added in the form of an appendix. The memorials selected for translation are as follows:—

I. Memorial drawn up on the 9th day of the 12th month of the 20th year of Tao Kwang (January 30th, 1841), reporting that, on instituting an investigation among young children for the embodiment of the Dalai Lama, miraculous signs, of undoubted authenticity, have been verified, which is laid in a respectful memorial before the Sacred Glance.

In the matter of the appearance of the embodiment of the Dalai Lama, it has already been reported to your Majesty that a communication had been received from Kè-lê-tan-si-

¹ See Appendix A.

leu-t'u-sa-ma-ti Bakhshil reporting the despatch of natives in positions of dignity to inquire into the circumstances with reference to four young children born of Tibetan parents, respectively at Sang-ang-k'iüh-tsung in Tibet, the tribalty of K'ung-sa within the jurisdiction of Ta-tsien-lu in Sze-ch'wan, and [two] other places. The Chancellor has now made a further report, stating that in the case of each of the four children miraculous signs have been shown, and that bonds of attestation have been drawn up in due form on the part of members of both the priesthood and laity of the Tibetans. nexes a detailed statement in relation to this matter; and on receipt of this communication your Majesty's servants have to observe that on the previous occasion, when the embodiment of the tenth Dalai Lama entered the world, three children were discovered, [whose names] were placed in the urn for decision by lot. As the Chancellor now writes that each of the four children discovered by the Khan-pu² on this occasion has been attended by auspicious and encouraging omens, we do not presume to arrogate to ourselves the choice of any one of their number, but, as regards the whole four, have on the one hand communicated in a Tibetan despatch with the Chancellor respecting the two children born within the territory of Tibet, and as regards the two children born within the jurisdiction of the province of Sze-ch'wan, have addressed a communication to the Viceroy of that province calling upon them respectively to require the parents and tutors of the children in question to bring the latter to Anterior Tibet. On this being done, your Majesty's servants, in accordance with the existing rules, will institute a careful examination in person, conjointly with the Panshen Erdeni and the Chancellor, and will call upon the children to recognize articles heretofore in use

These syllables represent the name or names, and possibly the title also, in Tibetan, of a functionary who appears from later memorials to have occupied the post of Vicar General or Chancellor in the establishment of the Dalai Lama. The translator assumes (without feeling absolutely certain) that the characters sounded Bakhshi, with which the unwieldy string of vocables ends, represent the Mongol word which is thus pronounced, with the signification of "Teacher." The title "Chancellor" will henceforward be substituted for the name in question wherever it occurs.

² The title of one of the grades of official rank among the Tibetan priesthood. **K'an-pu** in Tibetan = elder.

by the Dalai Lama; after which your servants will proceed with scrupulous care to take measures for inscribing their names on slips to be placed in the urn, and for the celebration of mass¹ and drawing the lots in public. So soon as the individual shall have been ascertained by lot, your servants will forward a further report for your Majesty's information and commands. They now present for imperial perusal a translation of the detailed statement of the miraculous signs attending the children that were discovered on inquiry.

[Enclosure.]

Detailed statement of the miraculous signs attending upon four children, drawn up for His Majesty's perusal from the despatch of the Chancellor reporting the same:—

1. A-chu-cho-ma, the wife of the Tibetan named Kung-putan-tsêng, living at the Pan-jê-chung post-station in Sangang-k'iüh-tsung, gave birth to a son on the 13th day of the 11th month of the year Ki-hai (19th December, 1839), upon a report concerning which having been received from the local headmen, the Chancellor despatched Tsze-feng-cho-ni-'rh and others to make inquiry. It was thereupon ascertained that on the night before the said female gave birth to her child, a brilliant radiance of many colours was manifested in the air, subsequently to which the spring-water in the well of the temple court-yard changed to a milk white colour. Seven days afterwards, there suddenly appeared upon the rock, behind the post-station, the light of a flame, which shone for a length of time. Crowds of people hastened to witness it, when, however, no single trace of fire remained, but upon the rock there was manifested an image of Kwan Yin and the characters of Na-mo O-mi-to Fo,2 together with the imprint of footsteps. On the night when the child was born, the sound of music was heard, and milk dropped upon the pillars of the house. When the commissioners instituted

Lit., the chanting of religious formulas.

² Kwan Yin, the Sanskrit Avalokites vara, is not only one of the most honoured deities of the Buddhist pantheon in China and Tibet, but is also believed to be incarnate in the person of the successive Dalai Lamas (See Appendix A). The invocation Na-mo O-mi-to Fo (Amita Buddha) is familiarly known as the ceaseless ejaculation of every devout Tibetan.

their inquiry, they found the child sitting cross-legged in a dignified attitude, seeming able to recognize them, and shewing not the slightest timidity. They placed a rosary in the child's hands, whereupon he appeared as though reciting sentences from the Sûtra of Amita Buddha. In addressing his mother, he pronounced the word A-má with perfect distinctness. His features were comely and well-formed, and his expression bright and intellectual, in a degree superior to that of ordinary children.

In addition to the foregoing report, certificates by the local headmen and members of the priesthood and laity, solemnly attesting personal knowledge of the facts therein set forth, were appended, and were transmitted after authentication by the Chancellor to ourselves.

4. Yung-chung-pu-ch'ih, wife of Tsê-wang-têng-chu, a Tibetan, living near the Tai Ning monastery, in the jurisdiction of Ta-tsien-lu in Sze-ch'wan, gave birth to a son on the 1st day of the 9th month of the year Wu-sü (19th October, 1838); and on report being made by the Khan-pu of the monastery, commissioners were despatched to the spot by the Chancellor, whereupon it was ascertained that before the birth of this child, yellow flowers blossomed during the winter months on the walls; and that on the 1st day of the 1st month in the year of his birth, a radiant mist appeared on the upper buildings of the monastery, and shone into the house of Tsê-wang-têng-chu. On the night of the 15th of the 8th month a brilliant light, as of day, was manifested. On the 1st of the 9th month, when the child was born, its right breast bore the appearance of the conch-shell; on the following day a brilliant many-coloured radiance shone in the Again, on the 25th day of the 10th month of the following year (1839), two peals of thunder were heard. On the 13th day of the 5th month, in 1840, the child was taken up to the Lo-chu-jih mountain to offer incense, when a pair of crows were seen, which hovered around and gam-

¹ In order not to prolong unnecessarily the translation, two only, out of the four reports, have been translated. Nos. 2 and 3, omitted, differ in no respect from the characteristics of those presented here.

bolled with the child, who likewise indulged in frolic with the birds. After the child returned to his home, he seated himself astride upon a grain sack, and exclaimed that he was riding upon a mule, and wanted to return to his own abode, which saying he repeated during several consecutive days. The commissioners found the child's countenance to be of an elevated and dignified cast, and his eyes bright and attractive, beyond the fashion of ordinary mortals.

In addition to the above report, certificates by the priesthood and laity of the place, solemnly attesting personal knowledge of the facts therein set forth were appended, and were communicated after authentication by the Chancellor to ourselves.

The above having been respectfully laid before the throne, a minute was received on the 21st day of the 2nd month, in 1841, from the Council of State, to the effect that on the 15th day of the first month the following decree was issued:—

"Mêng Pao and his colleague report that with reference to the four children examined for the reappearance of the Dalai Lama's Embodiment, prodigies have been manifested in the case of each of them. Inasmuch as in this matter it is now declared to them that, four children having been examined, certificates in due form have been given attesting the appearance of miraculous signs, let Mêng Pao and his colleague forthwith address the Chancellor and communicate with the Viceroy of Sze-ch'wan, calling upon them to cause the parents and tutors of the respective children to bring them to Anterior Tibet in order that Mêng Pao and his colleague, in unison with the Panshen Erdeni¹ and the Chancellor, may further personally put them to proof and require them to recognize articles heretofore used by the Dalai Lama; proceeding next to write out slips and place them in the urn, and to draw the lots in presence of the assembled people. When the individual shall have been determined in this manner, let a further report be made. Let this be communicated to them for their guidance."

II. Memorial drawn up on the 8th day of the 6th month

¹ See Appendix B.

of the 21st year of Tao Kwang (25th July, 1841), reporting the verification of the child in whom the reimbodiment of the Dalai Lama has appeared, the drawing of lots in accordance with the existing rule, and the fact that the entire population of Tibet, both clergy and laity, are penetrated with feelings of gratitude and satisfaction: upon the memorial bringing which to the imperial knowledge the sacred glance is reverently besought.

Your servants have already memorialized reporting that the embodiment of the Dalai Lama having made its appearance, a day had been fixed for the drawing of lots; and they have now to state that they subsequently received a letter from the Chancellor to the effect that the children had successively arrived and had all been lodged in the Sangha Monastry at Tê K'ing, to the eastward of Lassa, whereupon he had appointed the 21st day of the 5th month for proceeding to put them to the proof. On that day, accordingly, your servants proceeded to the Sangha Monastery in company with the Panshen Erdeni, the Chancellor, and all the hut'ukht'u,1 khan-pu, ko-pu-lun, etc., when it was ascertained by a careful inquiry into each individual case that the two children born respectively at Sang-ang-k'iüh-tsung and at La-kia-jih-wa in Tibet are both aged three years, and the two children born respectively in the tribalty of K'ung-sa in the district of Tatsien-lu and at the Tai Ning Monastery are both aged four years—that their personal appearance is uniformly symmetrical and proper, and that all alike display an elevated demeanour. Hereupon the Panshen Erdeni and his associates laid before them for recognition the image of Buddha worshipped by the late Dalai Lama, together with the bellclapper, swinging drum, and other like articles used by him, all in duplicate, the genuine objects being accompanied by The children showed themselves capable of recognizing each individual article, without hesitation, in presence of the assembled clergy and people, who, as they crowded around to behold the sight, gave vent aloud to their admiration of the prodigy.

¹ See Appendix D.

A despatch was subsequently received from the Chancellor to the effect that the supernatural intelligence of the four children having been tested by joint investigation, and having been authenticated in the hearing and before the eyes of all, he would request that the names be placed in the urn and the lot be drawn on the 25th day of the 5th month; in addition to which, he forwarded a list of the names bestowed in infancy on the four children and of the names of their fathers. Your servants having in reply assented to the proposed arrangement, masses were performed during seven days preceding the date in question by the hut'ukht'u and lamas of Mount Pótala1 and the various monasteries; and, on the appointed day, the Panshen Erdeni, the Chancellor, and their associates, followed by the entire body of lamas, chanted a mass before the sacred effigy of your Majesty's exalted ancestor, the Emperor Pure,2 offering up prayers subsequently in devout silence. On the 25th day of the 5th month your servants reverently proceeded to Mount Pótala, and placed the golden vase with due devotion upon a yellow altar before the sacred effigy. After offering incense and performing homage with nine prostrations, they inscribed upon the slips, in Chinese and Tibetan characters, the infant-names of the children and the names of their fathers, which they exhibited for the inspection of the respective relatives and tutors, and of the assembled lamas. This having been done, your servant, Haip'u, recited a chapter from the Scriptures in unison with the Panshen Erdeni and the other [ecclesiastics], in presence of the multitude, and, reverently scaling up the inscribed slips, deposited them within the vase. The slips being small and the urn deep, nothing was wanting to secure perfect inviolability. After the further recital of a chapter by the Panshen Erdeni and

² The Emperor Kien Lung died 1796, who, since his final subjugation of Tibet in 1746, has continued to receive homage even posthumously as sovereign of the country.

I The mountain upon which the vast assemblage of cloisters forming the Dalai Lama's Residence is situated is thus designated, not, as Huc ignorantly states, with reference to the name of Buddha, but, as Koeppen clearly points out (vol. ii. p. 341, note), from the Sanskrit word meaning "Port," and particularly signifying the port in the Delta of the Indus known as Pattala to the ancients, which tradition assigns as the original seat of the ancestors of Sakyamuni Buddha.

his associates, your servant, Mêng Pao, inserting his hand within the urn upon the altar, turned the slips over and over, several times, and reverently proceeded to draw forth one of their number, which he inspected in concert with the children's relatives and tutors and the assembled lamas. The inscription upon the slip was as follows: "The son of Tsêwang-têng-chu, Tibetan, from the Tai Ning Monastery. Infant-name, Na-mu-kio-mu-to-urh-tsi. Present age, four years." The remaining slips having been drawn out and inspected publicly, the Penshen Erdeni, the Chancellor, with the greater and lesser hut'ukht'u, and all the attendant lamas, exclaimed unanimously with unfeigned delight and gladsomeness that "by the favour of his Imperial Majesty, who has given advancement to the cause of the Yellow Church,1 the established rule has now been complied with for ascertaining by lot the embodiment of the Dalai Lama, and the lot having now fallen upon this child—who, the son of a poor Tibetan fuel-seller, has manifested prodigies of intelligence, abundantly satisfying the aspirations of the multitude it is placed beyond a doubt that the actual and genuine reembodiment of the Dalai Lama has appeared in the world, and the Yellow Church has a ruler for its governance. minds of the people are gladdened and at rest, and the reverential gratitude that inspires us humble priests is inexhaustible." After this they performed with the utmost devotion the homage of nine prostrations in the direction of your Majesty's abode, expressing their reverential acknowledgments of the celestial favour. Your servants observed with careful attention that the gratitude not alone of the Panshen Erdeni and his attendant ecclesiastics proceeded from the most sincere feelings, but also that the entire population of Lassa, both clergy and laity, united in the demonstration by raising their hands to their foreheads in a universal feeling of profound satisfaction.

The above memorial having been respectively transmitted, there was received on the 23rd day of the 8th month a minute

¹ See Appendix A.

from the Council of State, to the effect that on the 15th day of the 7th month the following decree was issued:—

"Mêng Pao and his colleague memorialize relating the determination by lot of the embodiment of the Dalai Lama, and further report that a day of auspicious omen is proposed for the ascent of the throne; requesting, besides, that the Panshen Erdeni be commanded to return to Ulterior Tibet.1

"In the matter of the appearance in the world of the Dalai Lama's embodiment, Mêng Pao and his colleague having drawn lots in public for the four children whose names had been submitted, and the drawing having produced the name of Na-mu-kia-mu-to-urh-tsi, son of the Tibetan Tsê-wangteng-chu, who has manifested prodigies of intelligence, abundantly satisfying the aspirations of the multitude, who rejoice in the fact that the actual and true embodiment of the Dalai Lama has appeared in the world, and that the Yellow Church has a ruler for its governance, an event most happy and auspicious, we are penetrated with joy on the perusal of the report that conveys this intelligence, and we do now especially bestow upon the aforesaid embodiment the following gifts, viz., one 'háta,' one image of the Buddha of Boundless Age, one bell clapper, and one rosary of coral beads, which we despatch to Mêng Pao for presentation. And we further bestow upon the Panshen Erdeni and the Chancellor respectively one 'háta and one image of the Buddha of Boundless Age, which we similarly despatch for presentation. As regards the Panshen Erdeni, since he has performed the prescribed ceremonials and observed the allotted fasts for the embodiment, and inasmuch as the period of the enthronement of the Dalai Lama is still remote, it is right that he be directed to return to Ulterior Tibet. Let, therefore, the proper commands be issued for his observance. Let this decree be communicated for the information [of Mêng Pao and his colleague]. Respect this!"

III. (Précis). Memorial dated the 8th day of the 6th

is. to his residence at Tashi-lumbo, distant some eight days' journey from Lassa.

² The 'hdta is a handkerchief or scarf of silk, the gift of which is considered indispensable to the investiture of a Lama.

month of the 21st year of Tao Kwang (25th July, 1841), reporting that the Chancellor proposes to carry out the enthronement of the Dalai Lama on the 16th day of the 4th month of next year.

Reply, directing the Colonial Board to select two officials for the purpose of conveying the Imperial Rescript and the presents, to be forwarded on the occasion of the enthronement. The Viceroy of Sze-ch'wan, is to send ten thousand Taels¹ from the Provincial Treasury, as a donation to the Dalai Lama on his accession.

IV. Memorial drawn up the 8th day of the 6th month of the 21st year of Tao Kwang (25th July, 1841), reporting that, in conformity with the religious rules of Buddha, the embodiment of the Dalai Lama has assumed the ecclesiastic garb and tonsure, and that a religious name has been chosen for him.

Your servants have received a communication from the Chancellor, to the effect that "the embodiment of the Dalai Lama having now been determined by lot, to the delight and satisfaction of all, it became necessary to solicit the fulfilment of the established rules, and to request the Panshen Erdeni to invest him for the first time with the ecclesiastic garb, and to shave his head. Accordingly, on the 2nd of the 6th month I proceeded, with the entire body of hut'ukht'u, etc., and accompanied by the Panshen Erdeni, to the Sangha Monastery, where, having given notice to the Embodiment of the Dalai Lama, and arranged an altar facing the Northeast,2 incense was offered, and the ceremonial of three genufiections, and nine prostrations was performed as a token of gratitude for the celestial favours [of His Majesty]. After this, the Panshen Erdeni, in conformity with the religious rules, bestowed the robe and tonsure, and appointed the religious name of A-wang-ko-lê-sang-tan-pei-chun-meikai-chu-pu-chia-m'-tso. On this day the skies were radiant and bright, and the ceremony was performed with all be-

The Chinese *liang*, called *tael* by Europeans, equals about 6s. 4d. in value. The above sum is therefore equal to about 3,000l.

The direction of Peking.

fitting dignity, everything taking place in a happy manner—all of which is due to the boundless and gracious protection of His Imperial Majesty, who gives support and encouragement to the Yellow Church. The gratitude felt in very truth by the Dalai Lama's Embodiment, and by us humble priests, is inexhaustible.

"As the period for the enthronement is still distant by several months, I would beg that a decision be formed on the subject whether the Panshen Erdeni shall be directed to remain here in reverent attendance or otherwise."

On receipt of the foregoing, Your servants find by reference to the records, that in 1822, after the tenth Dalai Lama had assumed the Monastic garb and tonsure, in reply to the Memorial reporting this occurrence, a Decree was received directing that, as the period for the enthronement was still remote, the Panshen Erdeni must, as a matter of course, be directed to return to Ulterior Tibet, which command was duly complied with. At present, inasmuch as the Panshen Erdeni has performed these duties, and the day of enthronement is still distant, it may be that that there is no necessity for his further tarrying here, and that he may forthwith return to Ulterior Tibet; on which subject, Your Majesty's commands are reverently awaited.

On the 23rd day of the 8th month, a reply in the Vermilion Pencil was received, to the effect: "Let it be as proposed. Respect this!" (N.B.—The above Memorial was originally written in Manchow).

V. (Précis). Memorial dated the 17th day of the 7th month of the 21st year of Tao Kwang (2nd September, 1841), with reference to the father of the new Dalai Lama. Former precedents are quoted in favour of conferring upon him the rank of Kung (the highest of the five ranks of Chinese nobility).

Reply conferring the above title.

Decree dated 20th day of the 8th month of the 21st year of Tao Kwang (4th October, 1841), conferring presents on the Panshen Erdeni, on his attaining his sixtieth year.

VI. Supplementary Memorial dated the 19th day of the

11th month of the 21st year of Tao Kwang (31st December, 1841). In addition to the foregoing, we have to state that the Embodiment of the Dalai Lama having now his residence at the Jih-Kia Monastery (Si-gat-sze), to the eastward of Lassa, Your Servants have at frequent intervals despatched messengers to see him; and that from the time of his arrival until now, a period of several months, the climate of Lassa has perfectly agreed with him, and he has been in every respect strong and healthy. The persons attending him use all possible exertions in performing every necessary service. This we accordingly report for Your Majesty's information.

VII. Memorial dated the 18th day of the 4th month of the 22nd year of Tao Kwang (27th May, 1842), reporting the conclusion of the ceremony of enthronement of the Embodiment of the Dalai Lama.

On the 21st of the 9th month of last year, Your Majesty's commands were reverently received, to the effect that "on the enthronement of the Embodiment of the Dalai Lama, let the Assistant High Commissioner Haip'u, be substituted in place [of a previous appointment], to co-operate with Mêng Pao, and the Chang-chia Hut'ukht'u2 in witnessing the ceremony. Respect this!" In obedience to these commands, Your servants proceeded on the 13th day of the 4th month in company with the Chang-chia Hut'ukht'u and the Chancellor, followed by their subordinate functionaries, the hut'ukht'u, lamas, and Tibetan officials, to the Monastery on Mount Jihkia, for the purpose of escorting the Dalai Lama's Embodiment down the mountain to the town of Chih-ta-hwang-pu, on the east of Lassa, where his abode was temporarily established. Your Servants, in respectful conformity with the rules for attendance upon the Dalai Lama, appointed detachments of the Chinese garrison troops to form an encampment, and to discharge the duty of bodyguards during the two days he remained there. On the 15th, Your servants escorted the Embodiment to the Monastery at Mount

¹ The Memorial here referred to is not given.

This is the title of the highest dignitary of the Lamaist hierarchy at Peking, where he exercises the functions of a Metropolitan. He appears to have been deputed to attend the present ceremony. See Appendix D.

Pótala, where reverent prostrations were performed, and the ceremonial observances were fulfilled before the Sacred Effigy of Your Majesty's elevated ancestor, the Emperor Pure. On the 16th, Your servants reverently took the golden Scroll containing the Mandate bestowed by Your Majesty upon the Dalai Lama's Embodiment, together with the sable cape, the coral Court rosary, etc., and the sum of Ten thousand Taels in silver, being Your Majesty's donations, which they caused to be conveyed upon yellow platforms to the Monastery at Mount Pótala, and deposited with devout care in due order in the Hall called Ta Tu Kang. The couch and pillows were then arranged upon the divan; and on the arrival of the Dalai Lama's Embodiment in the Hall, Your Servants and the secretary of the Chang-chia Hut'ukht'u, reverently read out the Golden Scroll, embodying Your Majesty's Mandate, to the perusal of which the Embodiment listened in a kneeling posture, facing toward the East. After the reading was concluded, he received with veneration the Imperial gifts, and performed the ceremonial of three genuflections and nine prostrations in the direction of the Imperial abode, thus testifying his respectful gratitude for the celestial favours. Having been invested with the garments conferred by Your Majesty, the Embodiment was supported to his seat upon the throne; whereupon the Chancellor, at the head of the Tibetan priesthood, intoned a chant of Dharani formulas, invoking auspicious fortune. All the hut'ukht'u and lamas having performed obeisances, a great banquet was opened, and the ceremonial of enthronement was thus brought to a close. The day was attended by the utmost fine weather, and everything passed off auspiciously and well, to the universal delight of the entire body of clergy and laity of Lassa. This we accordingly bring to Your Majesty's knowledge; and in addition we have to state, that as the Embodiment of the Dalai Lama has now been enthroned, it is proper, in conformity with the existing rules, to cease henceforth from "Embodiment." This we using the word accordingly append, and respectfully bring before Your Majesty's Notice.

On the 4th day of the 7th month, a reply in the Vermilion

Pencil was received: "Be it as proposed. Respect this!" (N.B.—The above Memorial was originally written in Manchow).

VIII. Memorial dated the 8th day of the 10th month of the 23rd year of Tao Kwang (29th November, 1843), reporting particulars with reference to the selection of Principal and Assistant Preceptors for the Dalai Lama, to instruct him in the scriptures upon which the Sacred Glance is besought.

Premising that on the last Dalai Lama's installation, a Principal and an Assistant Preceptor were appointed for the furtherance of his instruction and mental development, we have to report that we have been presented with a petition by the Kopulun, and the entire body of superior clergy (Khanpu), to the effect that "the Dalai Lama is now advancing in age, and manifests an intelligence and a quickness of perception that are altogether unusual; and that it is obviously necessary to appoint an erudite preceptor for his daily and nightly instruction, to the end that he may become thoroughly versed in the Scriptures, and be a worthy head to the Yellow Church. In view of the fact that the office of Principal Preceptor to the last Dalai Lama in the line of descent, was filled by the Chancellor Kê-lê-tan-si-leu-t'u-sama-ti Bakhshi, the Kopulun and Khanpu respectfully solicit that he may now be appointed Principal Preceptor to the Dalai Lama." We have further received a despatch from the Chancellor to the following effect:

"The humble priest on whom the Celestial favour has bestowed the office of Comptroller of Councils, has no other duty than that of using all his endeavours toward the fulfilment of his trust; but, inasmuch as the Dalai Lama is now advancing in age, it is necessary, with a view to advantageous results, that selection be made of a tutor profoundly versed in the religious writings in the person of a lama, enjoying the distinction of rank Imperially conferred, who shall devote himself wholly to the duties of instruction. Having made careful research among the whole body of lamas in Tibet, no more fitting choice is found than that of the lama Lung-mei-

kiüh-kieh, whose official title is Lo-pu-tsang Lêng-chu-pu, at present sixty-two years of age, a profound adept in the religious writings, and of unblemished character, and worthy of the post of preceptor to the Dalai Lama."

The Chancellor requesting that this representation may be laid before Your Majesty, Your servants have hereupon to state that on reference to the records, they find that the instructor of the Dalai Lama, tenth in succession, was the Chancellor himself, who filled the post of preceptor, in addition to his other duties; and that, fearing lest his occupation as Comptroller of Councils might entail a loss of time in the Dalai Lama's studies, selection was made of Kê-lê-tan-kiu-ch'ih-pa-a-wang-nien-cha and the grandee the Pan-ti-ta, as his Assistants. If, as the Kopulun and Khanpu request, the Chancellor be again appointed Preceptor in Chief, it is to be feared that the Dalai Lama's studies cannot be conducted entirely as they ought. We find that Kê-lêtan-kiu-ch'ih-pa-a-wang-nien-cha, who discharged the duty of preceptor to the former Dalai Lama in a very admirable manner, has long since passed out of employ (i.e. deceased); but that there remains at present the grandee Kia-mu-pa-lê-ihi-tan-pei-chia-mu-tso, who, in consequence of his efficiency in instructing the tenth Dalai Lama in the religious writings, was graciously advanced from the dignity of Pan-ti-ta to the title of Nomun 'Han.2 He is now leading a monastic life in his own monastery at Lassa, and is not occupied with any public business. He is worthy of receiving the appointment to repair to Mount Pótala, and to act with the lama Lungmei-kiüh-kieh, who has been selected by the Chancellor for the duties of preceptor. Loss of time in the prosecution of the necessary studies may by this means be avoided. motive influencing Your servants is the desire to devote every care to the matter of instruction; and they reverently submit to Your Majesty's decision the question whether the Nomun 'Han, who distinguished himself by the efficiency of his

¹ See infrd.

² See Appendix C. The title *Pan-ti-ta* appears to be identical with the Indian *Pandit*.

education of the former Dalai Lama, may be appointed Preceptor in chief, and the *lama* Lung-mei-kiüh-kieh as Assistant Preceptor, to the Dalai Lama.

On the 17th day of the 11th month of the 23rd year of Tao Kwang (6th January, 1844), the Cabinet received the following Decree:

"Mêng Pao and his colleague memorialize concerning the selection of Principal and Assistant Preceptors for the Dalai Lama. Let the request contained in their Memorial be complied with. Respect this!"

IX. (Précis). Memorial dated the 7th day of the 4th month of the 24th year of Tao Kwang (23rd May, 1844), stating that the Nomun 'Han, recently appointed Preceptor in chief to the Dalai Lama, perfected his repose! in consequence of a sickness on the 27th day of the 3rd month—and forwarding the Chancellor's suggestion that the Assistant Preceptor be advanced to the vacant post as Chief Preceptor, with the addition, in accordance with precedent, of the honorary title of Pan-ti-ta, or, should his Majesty see fit, of the dignity of Nomun 'Han. This suggestion they do not themselves support, thinking it premature to confer titles of such eminence, before putting the preceptor's abilities to the test of experience, and they request instructions on this point.

** No reply to the above Memorial is recorded; and with it the series relating to the Dalai Lama is brought to an abrupt termination.

APPENDIX.

A. THE DALAI LAMA.

The documents translated above, exhibit in its entirety, the strange process of selecting, installing, and educating for his duties the pontiff, in whose supernatural character and divine commission,

¹ i.e. died. The above term is invariably applied to the decease of members of the Buddhist hierarchy.

implicit faith is reposed by the rude, superstitious populations of Tibet and Mongolia; but, simply recounting as they do, a series of events from the point of view of every-day official business, they naturally contain no references elucidative of the history of the past. It is necessary, therefore, to look elsewhere for explanations of the complex hierarchical system to which an entire ethnological group has been enslaved within a comparatively recent period. For the European reader, fortunately, a full and authentic light has already been thrown upon the Lamaistic constitution in the work of Carl Friedrich Koeppen (Die Lamaische Hierarchie und Kirche, Berlin, 1859), where the results of past and contemporary research are digested to form an exceedingly lucid survey of Tibetan history; whilst, to the student of Chinese, sources of more direct information are naturally available. Modern Chinese works exist, which, not yet having met with translators, were beyond the reach of even Koeppen's comprehensive research; and among these, the most prominent is the Sheng Wu Ki, or History of the Campaigns of the Reigning Dynasty,—a most valuable record of the wars and foreign policy in general of the Manchow sovereigns, from their first encroachments on the Chinese Empire, up to the first decades of the present century. The author, a functionary serving at Peking during the reign of Tao Kwang, had free access to the various State Paper Offices, and (with of course a due regard for the glory of his Imperial masters) digested the knowledge thus acquired into a record which forms in fact—with one partial exception—the only published Chinese history of the events of the last two centuries. Book V. of this work is wholly occupied by the affairs of Tibet, covering precisely the same ground as is traversed by Koeppen's survey, and principally based on the writings—published or private of Manchow and Chinese functionaries, who have held office in Mongolia or Tibet. A brief resumé of the leading facts in connection with the Lamaist hierarchy, gathered from the sources indicated above, will serve to explain the proceedings reported by the Imperial Commissioners to their Sovereign in 1841-43.

The rise of the double Papacy by means of which Tibet has been governed, and the unruly Mongol tribes have been kept under control by two successive Chinese dynasties, dates only from the fifteenth century of our era, and emanates directly from one of those remarkable reformers, which the times in their fulness seem now and then to produce at the moment when a leader only is

lacking for the success of a movement already brought about by apparently spontaneous growth. The Buddhism that had been practised for about one thousand years in Tibet and the adjacent territories, was, in the fourteenth century of our era, profoundly tainted with both the Sivaism of post-Buddhist ages in India, and the necromantic superstitions which were probably indigenous in Tibet before the conversion of its people to "the Perfect Law;" and both the people and their native sovereigns were dominated by a hereditary priesthood, who had engrafted on the Buddhist doctrines of monasticism and celibacy a supplementary religious code in which Brahminical ideas were distinctly apparent. From their seat of government, the members of this priesthood are commonly denominated the Ssakia hierarchy. High favour was manifested toward this influential body of ecclesiastics, who held in their hand the government of Tibet, by the Mongol conquerors of China, and by means of their support, it came to pass that the heirs of Genghis Khan succeeded in reducing that kingdom to a feudal dependancy of their own. But the influence of the hereditary sacerdotal caste did not long survive the downfall of the Yüan dynasty in China, which was accomplished in A.D., 1367. Early in the reign of the second sovereign of the Ming dynasty, an apostle of reform, advocating with alleged supernatural sanction a return to the earlier and purer doctrines of the Buddhist faith, appeared in the person of Tsungk'aba, a young priest issuing from an obscure monastery on the confines of China and Tibet. All that it is essential to record here concerning this Oriental Luther, is the fact of his marvellous, almost instantaneous, and as yet quite unexplained success, coupled with the fact that during his own lifetime, he witnessed the complete overthrow of the influence of the Ssakia priesthood, and the substitution of his own doctrines for the corrupt theocracy hitherto in vogue. The symbol which he adopted at the outset of his career as the rallying-point for his supporters, was the return to the use of a yellow garb—the colour supposed to have been instituted by Buddha himself, for his followers' attire—in lieu of the red habiliments in which the Ssakia priesthood were clothed; and from this circumstance the opposing sects have since his day been known by the names of the "Red" and "Yellow" Churches. distinctions which are still maintained, inasmuch as although greatly in the minority, and stripped of almost all their influence, the adherents of the older Ssakia system still hold their ground,

neither favoured nor persecuted, in Tibet and a portion of Mongolia. The question has been more than once debated, whether Tsungk'aba, in devising his institutions and reforms for the Tibetan religion, was indebted to the advice of Nestorian or Romish missionaries; and in the absence of specific proof on either side, the controversy must remain an open one. The striking similarity between the doctrines of spiritual supremacy exerted by the Dalai Lama and his co-regent, the Panshen Erdeni, over the Buddhist faithful, and the similar theory of the Pope's universal dominion, coupled with the renewed enforcement of strict celibacy, and numerous remarkable resemblances between the accessories of the Lamaist ceremonial and those of the Roman Church, are so many arguments in favour of the supposed influence of one or more of the European missionaries, who were undoubtedly to be found in Central Asia during the period of Tsungk'aba's career. The Abbé Huc, in his more or less mythical account of his journey to Tibet, gives indeed a detailed story, existing in no other known work, of "a foreigner, with a prominent nose and brilliant eyes," who is stated to have been Tsungk'aba's religious instructor; but as the authenticity of the Abbé's writings is on a level with that of Mendez Pinto's or Psalmanazar's relations, the legend has no independent weight. What is chiefly important to note here, is the fact that grounds for suspicion strongly suggest themselves as to the point whether Tsungk'aba was not influenced and supported by Chinese statecraft, and was not, in fact, an instrument of the founders of the Ming dynasty in fastening their control upon Tibet by spiritual contrivances. There can be no doubt that the whole course of his reforms tended to that end, by breaking the temporal power of the hereditary Tibetan sovereigns, and notably also by so dividing the spiritual government as to facilitate external predominance; nor is it, primd facie, unlikely that in rendering such a service to the Chinese state, the religious reformer was acting in secret connection with the victorious supplanters of the Mongol ascendancy, among the most devoted supporters of which were the chiefs of the sect Tsungk'aba laboured to overthrow.

Two different periods are assigned to the lifetime of the reformer. According to Koeppen, who quotes the authority of A.

im J. 1417 geboren sei, beruht auf einer Verwechselung von dessen Geburts-und Todesjahr, was schon daraus erhellt, dass ebendaselbst die Geburt des ersten Dalai Lama ins J. 1391 gesetzt wird, wonach der Jünger 25 Jahre älter gewesen wäre als der Lehrer."

Csoma and Klaproth (though he admits a doubt on the subject),1 Tsungk'aba died in 1417; but the Chinese author referred to above states with apparent precision, that "Tsungk'aba (otherwise called Lo-p-tsang-chak'-ba), was born at Si Ning, in the 15th year of the reign of Yung Lo (A.D. 1417), and perfected his repose (i.e. died) in the 14th year of Ch'êng Hwa (A.D. 1478)." It matters little, however, as regards the present inquiry, whether the first or the last of the two dates assigned be the correct one; the essential point to dwell upon is the fact that to Tsungk'aba's two principal disciples was bequeathed the reformer's influence at his decease; and that his sectaries, how or at what precise period is imperfectly known, accepted the belief that the soul of Tsungk'aba himself passed after death into the elder of the two, and that the imperishable spirits of both are born and reborn again into the world in a perpetual succession. In the words of the Chinese chronicler: "Tsungk'aba laid commands upon his two chief disciples, enjoining upon them that they should be born again, generation after generation, as 'hubil' han, to practise the doctrines of the Great Conveyance (Ta Ch'éng, Sanskr. Mahdydna, the esoteric form of Buddhism). The word 'hubil'han signifies in Chinese hwa shën (i.e. transformed body, transformation, re-embodiment). The two disciples were called respectively Dalai Lama and Panshen Lama. Lama, being interpreted, signifies 'unsurpassed.'"

To trace the genealogy of the Dalai Lamas who have perpetuated the succession since Tsungk'aba's period, is a task that cannot be attempted here. It has already been partially achieved with Koeppen, whose list of the seven hierarchs who had reigned up to the beginning of this century, agrees in the main with the statements made by the author of the Shéng Wu Ki; but it must be observed that the year 1746 introduced a notable change in the constitution of the Tibetan hierarchy, and in the position of its heads. Up to that period, a native sovereign, owning fealty to the Emperors of China, still held a more or less nominal sway over Tibet; but a sanguinary revolt against Chinese domination, which broke out in the early years of the Emperor Kien Lung's reign, led to the complete subjugation of the country, to the abolition of the rank of Gialbo or sovereign, and to the placing of the entire

¹ Koeppen, p. 108, footnote: S. die chronologischen Tafeln bei A. Csoma, l. c. 186, und Klaproth, 'Fragmens Bouddhiques,' p. 9. Die Angabe des Hierodiaconus Hilarion in den Arbeiten der russischen Mission, I. 315, dass bTsongkhapa

government in the hands of the Dalai Lama, assisted by four ministers, to be nominated by himself, under the supreme control of two Chinese Commissioners or Residents, who became in reality the Regents of Tibet. Prior to this period, the re-embodiment of the Dalai Lama after each decease, appears to have been determined in accordance with vague report alone, and a wide door was opened to intrigue and strife of the most dangerous description; but the sagacious Government of Kien Lung ordained that thenceforward the selection of the Embodiment should be decided by lot, and the power of nomination to the honour of competing at so singular a trial, was left virtually in the hands of the Imperial Commissioners. As a matter of course, these dignified and eclectic functionaries delegate, as is seen in the translations above, to native priests the Mumbo-Jumbo work of discovering (or inventing) qualifications on the part of the infant candidates. For, by another convenient regulation in Tsungk'aba's system, the re-embodiment of each deceased pontiff manifests itself in the person of a child of tender age, so that the major portion of each reign is under ordinary circumstances passed in a state of tutelage.

Enough has probably been set forth in the foregoing summary, to explain the system which involves such action as that described in the reports of the Imperial Commissioner Mêng Pao. The works of Koeppen and of other well known writers, comprise those fuller particulars which it is unnecessary to recapitulate here. It should, however, be stated that whilst the Dalai Lama of the day is held to be the reimpersonation of Tsungk'aba's chief disciple, and as such to inherit the principal spiritual, as well as secular authority derived through the reformer from Buddha, yet his colleague the Panshen Lama, in virtue both of his supposed divine personality, and of his complete abstraction from contact with worldly affairs, is believed to enjoy a character more purely sacred than that which the Dalai Lama fills. The one, in fact, to seek a parallel in our own history, is "Head of the Church," the other is "Primate."

The meaning of the title "Dalai" is simply Ocean; this term having been adopted, probably, to convey the idea of vastness and grandeur. The entire title of the Dalai Lama is expressed in Mongolian, says Koeppen, by the words Che-tsun Giamthso Rin-po-che, signifying the "Venerable Ocean Treasure."

Beside being the reembodiment of Tsungk'aba's second disciple, the Panshen Erdeni is popularly held to be an incarnation of the Bodhisattwa Manjusri.

B. THE PANSHEN ERDENI.

Joint heir with the Dalai Lama of the spiritual inheritance derived from Tsungk'aba, the Panshen Erdeni is believed by the Tibetans to be worthy of the higher degree of adoration, his office and functions being the less contaminated by worldly influences. To him is confided the maintenance of the purity of religious doctrine, as to the Dalai Lama is attributed the temporal governance of the Tibetan realm. His title signifies "The Precious Teacher" (Panshen, or Banshen, = the Indian Pandita, and Erdeni in Mongolian, or Rin-po-che in Tibetan, being the equivalent of Treasure). The origin of his title, and the various dogmas concerning the being who is incarnate in his personality, are fully discussed by Koeppen. His residence is at Tashi-Lumbo, or the Mountain of Good Fortune, and it was here that, on the 4th December, 1783, Lieutenant Samuel Turner was favoured with an audience by the same Panshen Erdeni (at that time an infant just installed), who, as a man of sixty, figures in the Memorials translated above, as conducting the consecration of the Dalai Lama. The following extracts from Turner's account of his interview usefully illustrate the Chinese documents relating to the Dalai Lama:

"On the 4th, in the morning, I was allowed to visit Teshoo Lama, and I found him placed in great form upon his Musnud; on the left side stood his father and mother, on the other the officer particularly appointed to wait upon his person. The Musnud is a fabric of silk cushions piled one upon the other, until the seat is elevated to the height of four feet from the floor; an embroidered silk covered the top, and the sides were decorated with pieces of silk of various colours, suspended from the upper edge and hanging I advanced, and, as is the custom, presented a white pelong handkerchief, and delivered into the Lama's hands the Governor's presents of a string of pearls and coral, while the other things were set down before him. Having performed the ceremony of the exchange of handkerchiefs with his father and mother, we took our seats on the right of Teshoo Lama [On the delivery of a speech of congratulations in the name of the Governor General of Bengal | the little creature turned, looking steadfastly towards me with the appearance of much attention while I spoke, and nodded with repeated, but slow movements of the head, as though he understood and approved every word, but could not utter a reply.

The parents, who stood by all the time, eyed their son with a look of affection, and a smile expressive of heartfelt joy at the propriety of the young Lama's conduct. His whole regard was turned to us; he was silent and sedate, never once looking towards his parents, as if under their influence at the time; and with whatever pains his manners may have been formed so correct, yet I must own his behaviour on this occasion appeared perfectly natural and spontaneous, and not directed by any action or sign of authority. Teshoo Lama is at this time about 18 months of age. He did not speak a word, but made most expressive signs, and conducted himself with astonishing dignity and decorum."

The foregoing reminiscences afford a very curious parallel to the descriptions given by the Chinese Resident of the demeanour and intelligence of the Dalai Lama elect; and, in the absence of such knowledge as only close and unprejudiced observation can elicit it is not easy to conjecture by what means a tender infant is trained to such precocious dignity.

Koeppen laments that no list of the Panshen Erdeni Lamas has been rendered accessible in Europe; and I regret that on this occasion, I have only an imperfect catalogue to offer. In the Chinese work already quoted, the list is set forth as follows—the names being given in Chinese transcription, which is followed as closely as possible, with due regard to the Tibetan sounds, in so far as they are known:

- No. 1. K'ai-chup Kih-leukh baltsang.
 - " 2. Name unknown.
 - ,, 3. Ditto.
 - " 4. Lobtsang chui-ki giamts'o.
 - ,, 5. Lobtsang i-shi. Deceased 1737.
 - ,, 6. Lobtsang pa-tan-i-shi. Enthroned 1743.

The list closes with No. 6, who appears to have been succeeded by the infant to whom Lieutenant Turner was introduced.

C. THE Nomên 'HAN.

The title Nomên 'Han (or Khan), equivalent to Dharma-Râja, or Prince of the Religious Law, has been repeatedly bestowed in the course of Tibetan history, on laymen who have distinguished themselves by services to the Church; but, with other prerogatives, the

right of conferring this honour has been monopolized by the Chinese Emperors since Kien Lung's conquests, and appears to have lost much of its former importance. Huc, in his "Travels in Tartary and Tibet," Vol. ii., chapter 5, gives an account which seems almost purely imaginary of the career and downfall of the personage referred to under this name in the above Memorials. He represents the Nomên 'Han of 1841-3, as a wily intriguer, animated by an unlimited ambition, and as having plotted the death by violent means of the young Dalai Lama, whose three predecessors he had successively got rid of by one form or another of assassination. His banishment from Lassa by order of the Emperor Tao Kwang, is further recounted as having taken place in 1844, after a determined but successful outbreak in his favour on the part of the priesthood and people of Lassa. It is, however, inconceivable that had such an occurrence as this actually taken place, the Chinese Resident would be found despatching, and subsequently making public a Memorial such as No. 9 in the above series, where the death of the Nomên 'Han is noted, and his successor designated. The story told by Huc is probably—if not a simple invention—the distorted exaggeration of some tale picked up by the Abbé from the Mongols, among whom he accumulated the groundwork of his legends relating to Tibet.

D. THE HUT'UKHT'U.

An important section of the Lamaist hierarchy is constituted by the hut'ukht'u, or saints, who repeat on a lower scale, in most particulars, the phenomena and prerogatives attending the Dalai and Panshen Lamas. Like their spiritual chiefs, the hut'ukht'u are held to be 'hubil'han or re-embodiments, and in their several localities they are venerated with slavish adoration. The Sheng Wu Ki gives one hundred and sixty as the total number of lamas having the gift of re-embodiment, whose names are registered by the Colonial Board at Peking, and enumerates them as follows, viz.: In Tibet, 18 called hut'ukht'u, and 12 called shaburung; Mongolia (North), 19; Mongolia (South), 57; Kokonor, 35; Chiamdo and the Tibetan portion of Sze-ch'wan, 5; Peking, 14. For the whole of these personages, excepting the Nomen 'Han of Kokonor (whose office is hereditary), the Imperial system of drawing lots is enforced when a new embodiment is declared to have taken place.

The title hut'ukht'u is not explained by the Chinese author, but it may be conjectured to have some connection with the Mongol word hutukh', blessing.

The Chang-chia Hut'ukht'u, who resides at Peking as a Lamaist metropolitan for the tribes of Inner Mongolia, dates his spiritual descent from a dignitary who was called to Peking during the reign of K'ang Hi, probably about A.D. 1690-1700, and intrusted with the Emperor's confidence as his religious Vice-gerent.

JOURNAL

OF

THE ROYAL ASIATIC SOCIETY.

ART. VII.—Khuddaka Pátha, a Páli Text, with a Translation and Notes. By R. C. Childers, late of the Ceylon Civil Service.

[Received February 15, 1869.]

Khuddaka Pátha, or "Lesser Readings," is one of the books of the Buddhist Scriptures. It is the first of the fifteen divisions of Khuddaka Nikáya, and immediately precedes Dhammapada. The text which I have adopted is that of a manuscript written and collated for me by a Singhalese priest of great learning. I have compared with it the Burmese manuscript belonging to the collection presented by Sir A. Phayre to the India Office Library. This, however, I found to contain numerous clerical and other errors, and it failed to supply me with a single corrected reading.

Khuddaka Pátha possesses a high authority in Ceylon. It is quoted in the Commentaries of Buddhaghosa, many of the examples in Sandhi Kappa and other grammatical works are drawn from it, and seven of its nine chapters are included in the course of homilies read at the Buddhist ceremony of Pirit. Three of the sútras, viz., Mangala Sutta, Ratana Sutta, and Metta Sutta recur in Sutta Nipáta, the fifth division of Khuddaka Nikáya, and Paramattha Jotiká, Buddhaghosa's commentary on Sutta Nipáta, is also looked upon as the commentary of Khuddaka Pátha.

Khuddaka Pátha takes its name from its first four texts, which are very brief, and are termed Páthas in contradistinction to the Sútras, or sermons, which follow. The four Páthas, and the Mangala, Ratana and Metta Sútras, are translated by Gogerly in his version of Pirit in the "Ceylon Friend" (June, July, and August, 1839).

NAMO TASSA BHAGAVATO ARAHATO SAMMÁ SAMBUDDHASSA.

L

Buddham saranam gacchámi
Dhammam saranam gacchámi
Sangham saranam gacchámi
Dutiyam pi buddham saranam gacchámi
Dutiyam pi dhammam saranam gacchámi
Dutiyam pi sangham saranam gacchámi
Tatiyam pi buddham saranam gacchámi
Tatiyam pi dhammam saranam gacchámi
Tatiyam pi dhammam saranam gacchámi
Tatiyam pi sangham saranam gacchámi
Saranattayam.

II.

Pánátipátá veramaní sikkhápadam Adinnádáná veramaní sikkhápadam Abrahmacariyá veramaní sikkhápadam Musávádá veramaní sikkhápadam

PRAISE BE TO THE BLESSED ONE, THE HOLY ONE, THE AUTHOR OF ALL TRUTH.

1.

The Three Refuges.

I put my trust in Buddha,
I put my trust in the Law,
I put my trust in the Church.
Again I put my trust in Buddha,
Again I put my trust in the Law,
Again I put my trust in the Church.
Once more I put my trust in Buddha,
Once more I put my trust in the Law,
Once more I put my trust in the Law,

2.

The Ten Laws of the Priesthood.

- 1. To abstain from destroying life.
- 2. To abstain from theft.
- 3. To abstain from impurity.
- 4. To abstain from lying.

Surá-meraya-majja-pamádattháná veramani sikkhápadam Vikálabhojaná veramaní sikkhápadam

Nacca-gita-vádita-visúkadassaná veramaní sikkhápadam

Málá-gandha-vilepana-dhárana-mandana-vibhúsanattháná veramaní sikkhápadam

Uccásayana-mahásayaná veramaní sikkhápadam Játarúpa-rajata-patiggahaná veramaní sikkhápadam Dasasikkhápadam

III.

Atthi imasmim káye kesá lomá nakhá dantá taco mamsam naháru aṭṭhí atthimiñjá vakkam hadayam yakanam kilomakam pihakam papphásam antam antaguṇam udariyam karísam pittam semham pubbo lohitam sedo medo assu vasá khelo singhániká lasiká muttam matthake matthalungam

Dvattimsákáram

IV.

Eka' náma kim. Sabbe sattá áháratthitiká Dve náma kim. Námañ ca rúpañ ca Tíni náma kim. Tisso vedaná

- 5. To abstain from wine, spirits, and strong drink, which tempt men to sin.
- 6. To abstain from eating at forbidden times.
- 7. To abstain from dancing, singing, music, and stage-plays.
- 8. To abstain from adorning and beautifying the person by the use of garlands, perfumes, and unguents.
- 9. To abstain from using a high or a large bed.
- 10. To abstain from receiving gold and silver.

3.

The Thirty-two Constituent Parts of the Body.

[See Note.]

4.

The Novice's Questions.

What is the one principle of Life? Ans. Food is the sustenance of all animals.

What are the Two? Ans. Essence and Form.

What are the Three? Ans. The three Sensations.

Cattári náma kim. Cattári ariyasaccáni
Pañca náma kim. Pañc' upádanakkhandhá
Cha náma kim. Cha ajjhattikáni áyatanáni
Satta náma kim. Satta bojjhangá
Aṭṭha náma kim. Ariyo aṭṭhangiko maggo
Nava náma kim. Nava sattávásá
Dasa náma kim. Dasah' angehi samannágato arahá
ti vuccati. Kumárapañham

٧.

1. Evam me sutam. Ekam samayam Bhagavá Sávatthiyam viharati Jetavane Anáthapindikassa áráme. Atha kho aññatará devatá abhikkantáya rattiyá abhikkantavanná kevalakappam Jetavanam obhásetvá yena Bhagavá ten' upasankami upasankamitvá Bhagavantam abhivádetvá ekamantam aṭṭhási. Ekamantam ṭhitá kho sá devatá Bhagavantam gátháya ajjhabhási.

What are the Four? Ans. The four great truths of Buddhism. What are the Five? Ans. The five Elements of Being.

What are the Six? Ans. The six organs of Sense.

What are the Seven? Ans. The seven branches of Knowledge. What are the Eight? Ans. The glorious eight-fold path of Nirvána.

What are the Nine? Ans. The nine abodes of reasoning beings.

What are the Ten? Ans. He is called a saint who is endowed with the ten forms of holiness.

5.

THE SOURCES OF HAPPINESS.

Thus I have heard. On a certain day dwelt Buddha at Crávasti, at the Jetavana monastery, in the garden of Anáthapindaka. And when the night was far advanced a certain radiant celestial being, illuminating the whole of Jetavana, approached the Blessed One, and saluted him and stood aside. And standing aside addressed him with this verse,—

- 2. Bahú devá manussá ca mangaláni acintayum Kkankhamáná sotthánam. Brúhi mangalam uttamam
- 3. Asevaná ca bálánam panditánam ca sevaná Pújá ca pújaníyánam etam mangalam uttamam
- 4. Patirúpadesaváso ca pubbe ca katapuññatá Attasammápanidhi ca etam mangalam uttamam
- 5. Báhusaccañ ca sippañ ca vinayo ca susikkhito Subhásitá ca yá vácá etam mangalam uttamam
- 6. Mátápitu-upatthánam puttadárassa sangaho Anákulá ca kammantá etam mangalam uttamam
- 7. Dánañ ca dhammacariyá ca nátakánañ ca sangaho Anavajjáni kammáni etam mangalam uttamam
- 8. Arati virati pápá majjapáná ca saññamo Appamádo ca dhammesu etam mangalam uttamam
- 9. Gáravo ca niváto ca santuṭṭhí ca kataññutá Kálena dhammasavaṇaṃ etam maṅgalam uttamaṃ
- 10. Khanti ca sovacassatá samanánañ ca dassanam Kálena dhammasákacchá etam mangalam uttamam

Many gods and men, yearning after good, have held divers things to be blessings; say thou, what is the greatest blessing.

Buddha: To serve wise men and not serve fools, to give honour to whom honour is due, this is the greatest blessing.

To dwell in a pleasant land, to have done good deeds in a former existence, to have a soul filled with right desires, this is the greatest blessing.

Much knowledge and much science, the discipline of a well trained mind, and a word well spoken, this is the greatest blessing.

To succour father and mother, to cherish wife and child, to follow a peaceful calling, this is the greatest blessing.

To give alms, to live religiously, to give help to relatives, to do blameless deeds, this is the greatest blessing,

To cease and abstain from sin, to eschew strong drink, to be diligent in good deeds, this is the greatest blessing.

Reverence and lowliness, contentment and gratitude, to receive religious teaching at due seasons, this is the greatest blessing.

To be long-suffering and meek, to associate with the priests

11. Tapo ca brahmacariyá ca ariyasaccána' dassanam Nibbánasacchikiriyá ca etam mangalam uttamam

12. Phutthassa lokadhammehi cittam yassa na kampati Asokam virajam khemam etam mangalam uttamam

13. Etádisáni katvána sabbattha-m-aparájitá
Sabbattha sotthim gacchanti tam tesam mangalam uttama m
Mangalasuttam nitthitam

VI.

- 1. Yánidha bhútáni samágatáni
 Bhummáni vá yáni va antalikkhe
 Sabb' evabhútá sumaná bhavantu
 Atho pi sakkacca' suņantu bhásitam
- 2. Tasmá hi bhútá nisámetha sabbe Mettam karotha mánusiyá pajáya Divá ca ratto ca haranti ye balim Tasmá hi ne rakkhatha appamattá

of Buddha, to hold religious discourse at due seasons, this is the greatest blessing.

Temperance and chastity, discernment of the four great truths, the prospect of Nirvána, this is the greatest blessing.

The soul of one unshaken by the changes of this life, a soul inaccessible to sorrow, passionless, secure, this is the greatest blessing.

They that do these things are invincible on every side, on every side they walk in safety, yea, theirs is the greatest blessing.

6.

THE THREE JEWELS.

All spirits here assembled, those of earth and those of air, let all such be joyful, let them listen attentively to my words.

Therefore hear me, O ye spirits, be friendly to the race of men, for day and night they bring you their offerings, therefore keep diligent watch over them.

- 3. Yam kiñci vittam idha vá huram vá
 Saggesu vá yam ratanam panitam
 Na no samam atthi tathágatena
 Idam pi buddhe ratanam panitam
 Etena saccena suvatthi hotu
- 4. Khayam virágam amatam panítam Yad ajjhagá sakyamuní samáhito Na tena dhammena sam' atthi kiñcí Idam pi dhamme ratanam panítam Etena saccena suvatthi hotu
- 5. Yam buddhasettho parivannayí sucim Samádhim ánantarikañ ñam áhu Samádhiná tena samo na vijjati Idam pi dhamme ratanam panítam Etena saccena suvatthi hotu
- 6. Ye puggalá aṭṭha satam pasatthá
 Cattári etáni yugáni honti
 Te dakkhiṇeyyá sugatassa sávaká
 Etesu dinnáni mahapphaláni
 Idam pi saṅghe ratanam paṇítaṃ
 Etena saccena suvatthi hotu

Whatsoever treasure there be here or in other worlds, whatsoever glorious jewel in the heavens, there is none like Buddha;—Buddha is this glorious jewel. May this truth bring prosperity.

Did the tranquil sage of the race of Sakya attain to the knowledge of Nirvána,—Nirvána sin-destroying, passionless, immortal, transcendent? There is nought like this doctrine;—the Law is this glorious jewel. May this truth bring prosperity.

Did supreme Buddha extol a pure doctrine, have holy men told of an unceasing meditation? There is nought like this doctrine;—the Law is this glorious jewel. May this truth bring prosperity.

There are eight orders of men praised by the righteous, four that walk in the paths of holiness, and four that enjoy the fruits thereof. They are the disciples of Buddha, worthy

- 7. Ye suppayuttá manasá dalhena
 Nikkámino gotamasásanamhi
 Te pattipattá amatam vigayha
 Laddhá mudhá nibbutim bhuñjamáná
 Idam pi sanghe ratanam panítam
 Etena saccena suvatthi hotu
- 8. Yath' indakhilo pathavim sito siya
 Catubbhi vatebhi asampakampiyo
 Tathûpamam sappurisam vadami
 Yo ariyasaccani avecca passati
 Idam pi sanghe ratanam panitam
 Etena saccena suvatthi hotu
- 9. Ye ariyasaccáni vibhávayanti
 Gambhírapaññena sudesitáni
 Kiñcâpi te honti bhusappamattá
 Na te bhavam aṭṭhamam ádiyanti
 Idam pi saṅghe ratanam paṇítam
 Etena saccena suvatthi hotu

to receive gifts, in them charity obtains an abundant reward. The priesthood is this glorious jewel. May this truth bring prosperity.

Who are they that with steadfast mind, exempt from evil desire, are firmly established in the religion of Gautama. They have entered on the way of Nirvána, they have bought it without price, they enjoy perfect tranquility, they have obtained the greatest gain. The priesthood is this glorious jewel. May this truth bring prosperity.

As the pillar of a city gate, resting on the earth, is unmoved by the four winds of heaven, so declare I the righteous man to be who has learnt and gazes on the four great truths. The priesthood is this glorious jewel. May this truth bring prosperity.

They that clearly understand the four great truths well preached by the profoundly wise Being, however much they be distracted by the temptations of this world, they shall not again receive eight births. The priesthood is this glorious jewel. May this truth bring prosperity.

- 10. Sahâv' assa dassanasampadáya
 Tay' assu dhammá jahitá bhavanti
 Sakkáyadiṭṭhi vicikicchitañ ca
 Sílabbataṃ vá pi yad atthi kiñci
 Catúh' apáyehi ca vippamutto
 Cha câbhiṭháṇáni abhabbo kátuṃ
 Idam pi saṅghe ratanam paṇítaṃ
 Etena saccena suvatthi hotu
- 11. Kiñcâpi so kammam karoti pápakam
 Káyena vácá uda cetasá vá
 Abhabbo so tassa paţicchádáya
 Abhabbatá diṭṭhapadassa vutto
 Idam pi saṅghe ratanam paṇítam
 Etena saccena suvatthi hotu
- 12. Vanappagumbe yathá phussitagge
 Gimhána' máse pathamasmim gimhe
 Tathûpamam dhammavaram adesayí
 Nibbánagámim paramam hitáya
 Idam pi buddhe ratanam panítam
 Etena saccena suvatthi hotu
- 13. Varo varaññú varado varáharo
 Anuttaro dhammavaram adesayí
 Idam pi buddhe ratanam panítam
 Etena saccena suvatthi hotu

He who is blest with the knowledge of Nirvána, and has cast off these three sins, vanity and doubt and the practice of vain ceremonies, the same is delivered from the four states of punishment, and cannot commit the six deadly sins. The priesthood is this glorious jewel. May this truth bring prosperity.

If a priest commit sin in deed or in word or in thought he is wrong to conceal it, for concealment of sin is declared to be evil in one who has gained a knowledge of Nirvána. The priesthood is this glorious jewel. May this truth bring prosperity.

As the tree tops bloom in grove and forest in the first hot month of summer, so did Buddha preach for the chief good of men his glorious doctrine that leads to Nirvána. Buddha is this glorious jewel. May this truth bring prosperity.

- 14. Khínam puránan navan n' atthi sambhavam
 Virattacittá áyatike bhavasmim
 Te khínabíjá avirúlhicchandá
 Nibbanti dhírá yathá 'yam padípo
 Idam pi sanghe ratanam panítam
 Etena saccena suvatthi hotu
- 15. Yánîdha bhutáni samágatáni
 Bhummáni vá yáni va antalikkhe
 Tathágatam devamanussapújitam
 Buddham namassáma suvatthi hotu
- 16. Yánîdha bhútani samágatáni
 Bhummáni vá yáni va antalikkhe
 Tathágatam devamanussa pújitam
 Dhammam namassáma suvatthi hotu
- 17. Yánídha bhutáni samagatáni
 Bhummáni vá yáni va antalikkhe
 Tathágatam devamanussapújitam
 Sangham namassáma suvatthi hotu
 Ratanasuttam nitthitam

The noblest, the greatest of men, the finder of Nirvána, the giver of Nirvána, the bringer of Nirvána, preached his glorious Law. Buddha is this glorious jewel. May this truth bring prosperity.

Their old Karma is destroyed, no new Karma is produced. Their hearts no longer cleaving to future life, their seed of existence destroyed, their desires quenched, the righteous are extinguished like this lamp. The priesthood is this glorious jewel. May this truth bring prosperity.

Ye spirits here assembled, those of earth and those of air, let us bow before Buddha, the Tathágata revered by gods and men. May there be prosperity.

Ye spirits here assembled, those of earth and those of air, let us bow before the Law, the Tathágata revered by gods and men. May there be prosperity.

Ye spirits here assembled, those of earth and those of air, let us bow before the Church, the Tathágata revered by gods and men. May there be prosperity.

VII.

- 1. Tiro kuddesu titthanti sandhisinghátakesu ca Dvárabáhásu titthanti ágantvána sakam gharam
- 2. Pahúte annapánamhi khajjabhojje upatthite Na tesam koci sarati sattánam kammapaccayá
- 3. Evam dadanti ñátínam ye honti anukampaká Sucim panítam kálena kappiyam pánabhojanam Idam vo ñátínam hotu sukhitá hontu ñátayo
- 4. Te ca tattha samágantvá ñátipetá samágatá Pahúte annapánamhi sakkaccam anumodare
- 5. Ciram jívantu no nátí yesam hetu labhámase Amhákan ca katá pújá dáyaká ca anipphalá
- 6. Na hi tattha kasí atthi gorakkh' etta na vijjati Vanijjá tádisí n' atthi hiraññena kayakkayam Ito dinnena yápenti petá kálakatá tahim

7

THE SPIRITS OF THE DEPARTED.

They stand outside our dwellings, at our windows, at the corners of our streets; they stand at our doors, revisiting their old homes.

When abundant food and drink is set before them, by reason of the past sins of these departed ones, their friends on earth remember them not.

Yet do such of their kinsmen as are merciful bestow upon them at due seasons food and drink, pure, sweet and suitable. Let this be done for your departed friends, let them be satisfied.

Then, gathering together here, the assembled spirits of our kinsmen rejoice greatly in a plentiful repast.

"Long," they say, "may our kinsmen live through whom we have received these things: to us offerings are made and the givers are not without reward."

For in the land of the dead there is no husbandry, no keeping of flocks, no commerce as with us, no trafficking for gold: the departed live in that world by what they receive in this.

- 7. Unname udakam vattam yatha ninnam pavattati Evam eva ito dinnam petanam upakappati
- 8. Yathá várivahá púrá paripúrenti ságaram Evam eva ito dinnam petánam upakappati
- 9. Adási me akási me ñátimittá sakhá ca me Petánam dakkhinam dajjá pubbe katam anussaram
- 10. Na hi runnam vá soko vá yá c' aññá paridevaná Na tam petánam attháya evam titthanti ñátayo
- 11. Ayañ ca kho dakkhiná dinná sanghamhi suppatithitá Dígharattam hitáy assa thánaso upakappati
- 12. So ñátidhammo ca ayam nidassito
 Petánam pújá ca kata ulárá
 Balañ ca bhikkhúnam anuppadinnam
 Tumhehi puññam pasutam anappakam
 Tirokuddasuttam nitthitam.

VIII.

1. Nidhim nidheti puriso gambhíre odakantike Atthe kicce samuppanne attháya me bhavissati

As water fallen upon a height descends into the valley, so surely do alms bestowed by men benefit the dead.

As the brimming rivers fill the ocean, so do alms bestowed by men benefit the dead.

Let a man consider thus—"Such a one gave me this gift, such a one wrought me this good deed; they were my kinsmen, my friends, my associates." Then let him give alms to the dead, mindful of past benefits.

For weeping and sorrow and all manner of lamentation are of no avail, if their relatives stand thus sorrowing it benefits not the dead.

But this charity bestowed by you, well secured in the priesthood, if it long bless the dead, then does it benefit them indeed.

And the fulfilment of this duty to relatives to the dead is a great service rendered, to the priests a great strength given, by you no small merit acquired.

- 2. Rájato vá duruttassa corato pílitassa vá Iņassa vá pamokkháya dubbhikkhe ápadásu vá Etadattháya lokasmim nidhi náma nidhíyate
- 3. Táva sunihito santo gambhíre odakantike Na sabbo sabbadá eva tassa tam upakappati
- 4. Nidhi vá tháná cavati sañná vá 'ssa vimuyhati Nágá vá apanámenti yakkhá vá pi haranti nam
- 5. Appiyá vá pi dáyádá uddharanti apassato Yadá puññakkhayo hoti sabbam etam vinassati
- 6. Yassa dánena sílena samyamena damena ca Nidhí sunihito hoti itthiyá purisassa vá
- 7. Cetiyamhi ca sanghe vá puggale atithísu vá Mátari pitari vá pi atho jetthamhi bhátari

8.

THE HIDDEN TREASURE.

A man buries a treasure in a deep pit, reasoning thus within himself, "When occasion arises this treasure will be of use to me,—if I am accused by the king, or plundered by robbers, or for release from debt, or in famine or in misfortune." Such are the reasons for which men conceal what in this world is called treasure.

Meanwhile all this treasure, lying day after day concealed in a deep pit, profits him nothing.

Either the treasure vanishes from its resting place, or its owner's sense becomes distracted with care, or Nágas remove it, or malignant spirits convey it away, or his enemies or his kinsmen dig it up in his absence. The treasure is gone when the merit that produced it is exhausted.

There is a treasure that man or woman may possess, a treasure laid up in the heart, a treasure of charity, piety, temperance, soberness.

It is found in the sacred shrine, in the priestly assembly, in the individual man, in the stranger and sojourner, in the father, the mother, the elder brother.

A treasure secure, impregnable, that cannot pass away. When a man leaves the fleeting riches of this world, this he takes with him after death.

- 8. Eso nidhi sunihito ajeyyo anugamiko Pahaya gamaniyesu etam adaya gacchati
- 9. Asádháranam aññesam acoraharano nidhi Kayirátha dhíro puññáni yo nidhi anugamiko
- 10. Esa devamanussánam sabbakámadado nidhi Yam yad evábhipatthenti sabbam etena labbhati
- 11. Suvannatá sussaratá susanthánasurúpatá Adhipaccaparivárá sabbam etena labbhati
- 12. Padesarajjam issariyam cakkavattisukham piyam Devarajjam pi dibbesu sabbam etena labbhati
- 13. Manussiká ca sampatti devaloke ca yá rati Yá ca nibbánasampatti sabbam etena labbhati
- 14. Mittasampadam ágamma yoniso ve payuñjato Vijjá vimutti vasíbhávo sabbam etena labbhati
- 15. Patisambhidá vimokkhá ca yá ca sávakapáramí Paccekabodhi buddhabhúmi sabbam etena labbhati
- 16. Evam mahiddhiyá esá yadidam puññasampadá
 Tasmá dhírá pasamsanti panditá katapuññatá
 Nidhikandasuttam nitthitam

A treasure unshared with others, a treasure that no thief can steal. Let the wise man practise virtue: this is a treasure that follows him after death.

A treasure that gives every delight to gods and men; for whatsoever they desire with this treasure it may be bought.

Bloom, a sweet voice, grace and beauty, power and pomp, all these this treasure can procure.

Sovereignty and lordship, the loved bliss of universal empire, yea celestial rule among the gods, all these this treasure can procure.

All human prosperity, every pleasure in celestial abodes, the full attainment of Nirvána, all these this treasure can procure.

Wisdom, enlightenment, tranquility, in one who lives wisely for the sake of virtuous friends, all these this treasure can procure.

Universal science, the eight emancipations of the mind, all the perfections of the disciple of Buddha, supernatural know-

IX.

1. Karaniyam atthakusalena Yan tam santam padam abhisamecca Sakko ujú ca sújú ca

Suvaco c' assa mudu anatimání

- 2. Santussako ca subharo ca Appakicco ca sallahukavutti Santindriyo ca nipako ca Appagabbho ca kulesu ananugiddho
- 3. Na ca khuddam samácare kiñci Yena viññú pare upavadeyyum
- 4. Sukhino vá khemino hontu Sabbe sattá bhavantu sukhitattá
- 5. Ye keci pánabhút' atthi Tasá vá thávará vá anavasesá Díghá vá ye mahantá vá Majjhimá rassaká anukathúlá

ledge, supreme buddhaship itself, all these this treasure can procure.

Thus this possession of merit is of great and magical effect, therefore are good works praised by the wise and learned.

9.

GOOD WILL TO ALL.

This is what should be done by him who is wise in seeking his own good, who has gained a knowledge of the tranquil lot of Nirvana. Let him be diligent, upright, and conscientious; meek, gentle, not vainglorious.

Contented and cheerful, not oppressed with the cares of this world, not burdened with riches. Tranquil, discreet, not arrogant, not greedy for gifts.

Let him not do any mean action for which others who are wise might reprove him.

Let all creatures be happy and prosperous, let them be of joyful mind.

All beings that have life, be they feeble or strong, be they tall or of middle stature or short, be they minute or vast.

6. Diṭṭhá vá ye va addiṭṭhá
Ye ca dúre vasanti avidúre
Bhútá vá sambhavesí vá
Sabbe sattá bhavantu sukhitattá

7. Na paro param nikubbetha Nâtimaññetha katthaci nam kiñci Byárosaná paţighasaññá Nâññamaññassa dukkham iccheyya

8. Mátá yathá niyam puttam Kyusá ekaputtam anurakkhe Evam pi sabbabhútesu Mánasam bhávaye aparimánam

9. Mettañ ca sabbalokasmim Mánasam bhávaye aparimánam Uddham adho ca tiriyañ ca Asambádham averam asapattam

10. Tittham caram nisinno vá
Sayáno vá yávat' assa vigatamiddho
Etam satim adhittheyya
Brahmam etam viharam idha-m-áhu

11. Ditthiñ ca anupagamma
Sílavá dassanena sampanno
Kámesu vineyya gedham
Na hi játu gabbhaseyyam punar eti
Mettasuttam nitthitam

Khuddakapáthappakaranam nitthitam

Seen or unseen, dwelling afar or near at hand, born or seeking birth, let all creatures be joyful.

Let no man in any place deceive another, nor let him be harsh towards any one; let him not out of anger or resentment wish ill to his neighbour.

As a mother so long as she lives watches over her child, her only child, so among all beings let boundless good will prevail.

Let good will without measure, impartial, unmixed with enmity, prevail throughout the world, above, below, around.

If a man be of this mind so long as he be awake, whether

standing or walking, or sitting or lying, then is come to pass the saying, "This place is the abode of holiness."

He who has not embraced false doctrine, the pious man endowed with a knowledge of Nirvána, if he conquer the love of pleasure he shall never again be born in the womb.

NOTES.

I. The Saranágamana occupies in the Buddhist system a similar place to that which the Creed holds in the Christian. Koeppen says of it, "This confession of faith is among the Southern Buddhists the best known and commonest form of prayer" (Rel. des Buddha, vol. i., p. 444). In the Púralásasutta section of Paramattha Jotiká Buddhaghosa speaks of "this glorious hymn" as the foundation of the Three Piṭakas:—Ettha bhagavá paramatthavodánam tiṇṇam piṭakánam ádibhútam paramattham brahmanehi sabbabuddhehi pakásitam atthasampannam byañjanasampannam ca buddham saraṇam gacchámi dhammam saraṇam gacchámi saṅgham saraṇam gacchámiti imam ariyam sávittim sandháya pucchati.

II. Sikkhápada is thus defined in Paramattha Jotiká, Sikkhitabbá ti sikkhá, pajjate anenâti padam, sikkháya padam sikkhapadam, sikkháya adhigamúpáyo ti attho. Here the word Pada does not mean "verse," it has rather the signification of "means" or cause, as is clear from the above explanation of Buddhaghosa, and from such expressions as sikkháya pañca padáni samádiyámi, "I take upon myself the five means of moral training" (see Fausb. Dham. p. 97). Pada is never used in the religious books in the sense of "verse." Among the nine meanings attributed to it in Abhidhána Padípiká (p. 819) that of verse is not given. In the words atthapada and dhammapada in verses 100 and 102 of Fausböll's Dhammapada the meaning is probably "word" or "sentence," and in gáthápada (v. 181) the word Pada adds nothing to the sense.

Veramaní, "abstinence," from the root रस with वि. Veramaní is in the nom. case in apposition with sikkhápadam.

Surámerayamajja. Surá means "fermented liquor," meraya, "distilled liquor," and majja (Sansk. सच) is a generic term applied to all intoxicating drinks. Pamáda does not here mean "intoxica-

"carelessness" (Dh. 34). But it is sometimes used in a more technical sense, almost equivalent to "sin" or "temptation," and partaking of the meaning of both those words. In Sigilovádasutta we have, Cha kho 'me ádínavá jútappamádatthánánuyoge, "there are six evils in being addicted to the sin of gambling." Observe also the use of Pamatta in v. 9 of Ratana Sutta (p. 8 of this article). In modern Simhalese the word Pramáda, borrowed from the Sanskrit, is used almost exclusively in the sense of "delay."

Thána. This word often occurs as the latter part of a compound, and is then generally rendered in the commentaries by káraṇaṃ, as it is in this passage. It resembles the word Pada in the vagueness of meaning with which it is used in composition, and like Pada sometimes adds little or nothing to the meaning of the compound of which it forms a part. Thus we have kankháthánaṃ, "a doubt," or "a doubtful point," and in such words as vibhúsanaṭthána there is little definite meaning to be attached to the word Thána. In the 19th verse of Abhid. Padípiká, Thána and Pada are both given as synonyms of káraṇa.

Visúka. s. The Simhalese Sanna or scholium of Khuddakapátha explains this word by Visulu, which Clough in his Dictionary translates "grimace, gesture, theatrical exhibition." Gogerly translates Visúka in this passage by "theatrical representations," and Hardy by "masks" (East. Mon. p. 24). In a passage which occurs near the beginning of Brahmajála Sutta, visúkadassana appears to be used in the sense of "wordly amusement": Te evarúpam visúkadassanam anuyuttá viharanti, seyyathídam, naccam gítam váditam pekkham akkhátam, etc., where twenty-eight sorts of spectacles are enumerated and spoken of as unworthy of the right-minded priest of Buddha. The passage is translated by Gogerly in the Journal Ceylon As. Soc. No. 2, p. 23, and visúkadassana rendered "public spectacles."

III. The thirty-two Akáras are thus translated by Hardy, at page 400 of his Manual of Buddhism: "Kesá 'hair of the head,' lomá 'hair of the body,' nakhá 'nails,' dantá 'teeth,' taco 'skin,' mamsam 'flesh,' naháru 'veins,' 'aṭṭhí 'bones,' aṭṭhimiñjá 'marrow,' vakkam 'kidneys,' hadayam 'heart,' yakanam 'liver,' kilomakam 'abdomen,' pihakam 'spleen,' papphásam 'lungs,' antam 'intestines,' antaguṇam 'lower intestines,' udariyam 'stomach,' karísam 'fæces,' pittam 'bile,' semham 'phlegm,' pubbo 'pus,' lohitam 'blood,' sedo 'sweat,' medo 'fat,' assu 'tears,' vasá 'serum,' khelo

'saliva,' singhániká 'mucus,' lasiká 'oil that lubricates the joints,' muttam 'urine,' matthake matthalungam 'brain.'" Gogerly translates kesálomá by "hair," and to make up the number of thirty-two strangely renders matthake matthalungam by "the cranium, the brains."

Taco. This form probably represents the Sanskrit nom. plur. লেখ:

Naháru, "sinew," Sanak. सायु. Compare nahánam, "bathing," S. स्ताप.

Vakkam, S. gen. Kilomakam is translated by Gogerly "womb," and this is also the rendering of the Singhalese scholiast. It is clearly the same word with and, "bladder." Medo, Req. Antam,

Antagunam, probably "mesentery," which is Gogerly's translation. The scholiast renders lasiká by "marrow of the joints."

IV. This Pátha is a collection of ten of the classifications of technical terms so frequently met with in the Buddhist writings. The system of classification characterises the literature of the Hindus in a greater degree than that of any other people, but it is in the Buddhist philosophy that it has received its highest development. Indeed there is scarcely a branch of Buddhist teaching into which it has not been carried with an elaboration and detail perfectly astonishing. There can be little doubt that the great founder of Buddhism adopted the system of classification with the view of impressing his doctrines upon the memory of his followers, in an age when books were scarce, and reading and writing rare accomplishments.

Eka' náma; for ekam náma, m being elided for euphony in accordance with a rule of Sandhi given at page 14 of Clough's Páli Grammar.

Nava sattávásá. These are enumerated in Mahánidánasutta. See Bournouf's Lotus de la Bonne Loi, p. 534.

Dasahi angehi. These are the ten Asekhá dhammá.

The scholiast explains Kumárapañha by "Sámapera Praçna."

V. Abhikkantáya. Sansk. William.

Abhikkantavanná. Here abhikkanta represents the Sanskrit with the Abhikkantavanná is an adjective in agreement with devatá. Compare Dham. p. 99, where the construction is somewhat different.—

Abhikkantena vannena yá tvam titthasi devate Obhásentí disá sabbá osadhí viya táruká. "Say heavenly being who standest before me, with thy bright glory shedding light on every side like a lambent star."

Sotthánam. Buddhaghosa says, Sotthánan ti sotthibhávo.

Patirúpa. Buddhaghosa says, Patirúpo ti anucchaviko, and goes on to explain at some length what this "suitable" or "congenial" abode is. It may be a place where good men dwell and religion flourishes: Yattha catasso parisá vicaranti, dánádíni puññakiriyavatthúni vattanti, navangasatthusásanam dippati, tattha niváso. Or it may be a spot hallowed by the presence of Buddha when on earth: Bhagavato bodhimandappadeso ca, dhammacakkappavattitapadeso, dvádasayojanáya parisáya majjhe sabbatitthiyamatam chinditvà yamakapátiháriyadassitagandambarukkhamúlapadeso, devorohanapadeso, yo vá pan' añño pi sávatthirájagahádibuddhapadeso, tattha niváso. Or it may be the "Majjhima Desa" described as follows: Puratthimáya disáya Kajangalam náma nigamo tassaparena Mahásálá tato param paccantimá janapadá orato majjhe, dakkhinápuratthimáya disáya Salalavatí náma nadí tato param paccantimá janapadá orato majjhe, dakkhiņáya disáya Setakaņņikam náma nigamo tato param paccantimá janapadá orato majjhe, pacchimáya disáya Thúnam náma nigamo bráhmanagámo tato param paccantimá janapadá orato majjhe, uttaráya disáya Usíraddhajo náma pabbato tato param paccantimá janapadá orato majjhe, ayam Majjhimadeso, áyámena tíni yojanasaténi vitthárena addhateyyáni parikkhepena nava yojanasatáni honti.

Pubbe. Thus explained: Pubbe ti purá atításu játísu vá.

Phutthassa. Literally, "The soul of one touched by the troubles of this life, which trembles not," etc. Yassa by attraction for Yam.

Lokadhammehi. They are Lábho, Alábho, Yaso, Ayaso, Pasamsá, Nindá, Sukham, Dukkham.

Tam. This Páda contains nine syllables instead of eight, and the effect is to give strong emphasis to the sentence. Irregularities of this sort are of frequent occurrence in Páli verse. Fausböll has collected a large number of instances of a redundant syllable (Dh. p. 440), and cases of a deficient syllable sometimes (though rarely) present themselves. Vowels are frequently lengthened or shortened to suit the exigencies of metre, and the circumstance that in Páli external Sandhi is to a very great extent optional, gives to the poetical texts an apparent roughness and want of polish from which Sanskrit verse is almost wholly free. These metrical irregularities in the Canonical books are explained from a religious point of view in the following remarkable passage from Culla Sadda Níti:

Bhagavá pana vacanánam garulahubhávan na ganeti: bodhaneyyánam pana ajjhásayánulomato, dhammasabhávam avilomento, tathá tathá dhammadesanam niyameti. Na kiñci akkharánam bahubhávo vá appabhávo vá codetabbá ti: yadi evam kasmá tattha tattha pubbácariyehi gáthásu chandam abhedattham akkharalopam ti ca: vuttirakkhanattháya viparítatá, paticchandánurakkanattháya sukhuccáranatá ca vuttan ti saccam. Yattha chando ca vutti ca rakkhitabbá hoti tattha Bhagavá chandañ ca vuttiñ ca rakkhati, yattha pana tad ubhayam rakkhitabbam na hoti na tattha Bhagavá chandañ ca vuttiñ ca rakkhati. Tam sandháya Bhagavá pana vacanánam garulahubhávam na ganetíti. Chandañ ca vuttiñ ca rakkhanto Bhagavá na kabbakárádayo viya byáparatávasena rakkhati. kho aparimitakále anekajátisatasahassesu bodhisattakále akkharasamaye sukataparicayavasena padáni nipphannán' eva hutvá sassiríkamukhapadumato niggacchanti; tesu kánici chandovuttínam rakkhanákárena pavattanti, kánici tathá n' ápya vattanti. rakkhanákárena pavattanti táni sandháya Bhagavá chandañ ca vuttiñ ca rakkhatiti vattabbo; yáni tathá nappavattanti táni sandháya Bhagavá chandañ ca vuttiñ ca na rakkhatiti vattabbo. Bhagavá paresam codanáhetu sálakosapatiniyosankáy' eva hi (?) sappatibhayá chandañ ca vuttiñ ca rakkhatîti datthabbam.

Imasmim pakarane ákulakkharatáyam pálipakaranágatanayena likhitam. Na tatthâmhákam doso áropetabbo: Námikavibhatyavatáravannanáyam pi

Attham hi nátho saranam avoca,

Na byañjanam, lokavidú mahesi.

Tasmá akatvá ratim akkharesu

Atthe niveseyya matim mutímá.

Atthánurakkhanattháya vuttam sabbam idam, ato

Attham eva garum katvá ganhe, na byañjanam, vidú.

"Buddha makes no account of the length or shortness of vowels in words; he delivers his doctrine in the form best suited to convey its meaning, and least likely to obscure its real nature. But some one may ask, Is the length or shortness of vowels a matter of no importance? And another may reply, Well, but if it is, how is it that the old schoolmen in their verses here and there go so far as to elide a letter altogether, for the sake of not violating the metre? The truth is that these are poetical licenses, and are called vowel changes when rhythm has to be preserved, and euphony where the metre has to be preserved. When it is necessary to observe the

niceties of metre and of rhythm, then, and then only, does Buddha observe them: and this is what I meant when I said that Buddha makes no account of the length or shortness of vowels. And when he adheres to metre and rhythm he does so not as poets and men of letters do, because it is part of their profession to do it; but of the words which in the countless ages of his probation proceeded from the lotus of his blessed mouth, formed in accordance with his perfect literary knowledge, some are intended to preserve metre and rhythm, others are not so intended, and it is in the case of the former alone that he preserves metrical and rhetorical accuracy. For be it known that Buddha does not preserve the niceties of metre and rhythm out of a spirit of rivalry with others. If this work is written with the syllabic irregularity which characterises all our religious books, let me not be blamed on that account. For what says one of our commentaries:-

"Our sovereign lord has declared salvation

To be in the spirit and not in the letter.

Therefore let not the wise man delight in letters and syllables,
But let him fix his mind upon the sense."

And again-

"To preserve the meaning all this has been said:

Therefore let the wise man hold fast the meaning and make light of the letter."

It may not be out of place to give here some account of Vutto-daya, a copy of which, accompanied by a Simhalese Sanna, I have found in the Library of the India Office. Vuttodaya (विचादिय) (the work of Sangharakkhita Thera) is the only original book on Páli prosody, though it has become the subject of several commentaries, three of which are in the Grimblot collection at Paris. It is based upon Sanskrit prosody, the terms of which it has adopted, and in some cases whole sentences are borrowed from Pingala and other authorities with no more alteration than is necessary when Sanskrit is translated into Páli.

Vuttodaya is of very moderate length, consisting of six short chapters, and is written partly in prose and partly in verse. The first chapter, which is entirely in verse, begins as follows:—

- 1. Nam' atthu janasantánatamasantánabhedino Dhammujjalantarucino munindodátarocino
- 2. Pingalácariyádíhi chanda' yam uditam purá Suddhamágadhikánan tam na sádheti yathicchitam

- 3. Tato magadhabhásáya mattavannavibhedanam Lakkhalakkhanasamyuttam pasannatthapadakkamam
- 4. Idam vuttodayam náma lokiyacchandanissitam Arabhissam aham dáni tesam sukhavibuddhiyá.

"Praise be to the moon-like chief of sages, who shines with the brightness of Dhamma, who pierces the wide-spreading darkness of many men.

"The prosodies of Pingala Acarya and others are not composed in a manner satisfactory to the pure natives of Magadha. Accordingly, for their benefit and enlightenment, I now begin to compose in the Magadha language this Vuttodaya, a work adapted to popular [laukika, as opposed to Vedic, says the Sanna] prosody, divided into Mátrá Vritta and Varna Vritta, furnished with symbols and rules, and containing a succession of words of clear meaning.

After this introduction the eight "classes" are enumerated as follows:—

- 5. Sabba-ga-lá ma-n' ádi-ga-lahu bh-yá majjhanta-gurú ja-sá Majjhanta-lá ra-te-t' aṭṭha gaṇá go guru lo lahu
- 6. Bha-ja-sá sabba-ga-láhu pañc' ime santhitá ganá Ariyádimhi viññeyyá gano idha catukkalo.

"In this work be it known that the eight Gapas are symbolised as follows: When all the three syllables are long the foot is called Ma; when all are short, Na; when the first is long, Bha; when the first is short, Ya; when the middle syllable is long, Ja; when the last is long, Sa; when the middle syllable is short, Ra; when the last is short, Ta. Ga stands for "long," and La for "short." The five classes, Bha, Ja, Sa, Ma, and Na, are found in the Kryá metre and others of the same class. A Gapa consists of four Kalás."

The remaining ten verses of this chapter are taken up with general rules and the definition of technical terms. In a note to verse 10, which defines Yati as Padacchedo, the Simhalese Sanna gives the rules of irregular Cassura. They are little more than a translation of Haláyudha, the first line being,

Yati sabbattha pádante vuttaddhe' va visesato. Several examples are given, as

Namámi sirasá cámikaravannam tathágatam, where the pause falls in the middle of a word.

Munindam sirasá vandám' anantamatim uttamam, when it occurs after external Sandhi.

Namámi sirasá sabbopamátítam tathágatam, when it occurs after internal Sandhi.

The second chapter treats of Mátrávritta (mattávuttiniddeso dutiyo), and gives the rules for the Ariyá, Gíti, Vetáli, and Mattásamaka metres. Of Ariyá, the following varieties are described:—Pathyá, Vipulá, Capalá, Mukhacapalá, and Jaghanacapalá. Of the Gíti metres the following are enumerated: Gíti, Upagíti, Uggíti, and Ariyágíti. This chapter and the third, fourth, and fifth are written almost entirely in prose.

The third chapter treats of Samavritta, and gives rules for seventeen metres, viz., Gáyatti, Unhí, Anuţthubham, Brahatí, Panti, Tuţthubham, Jagati, Atijagati, Sakkarí, Atisakkarí, Aṭthí, Accaţthí, Dhuti, Atidhuti, Kati, Pakati, Kati. Under the heading Anushţubh we have

Citrapadá yadi bhá gá
Mo mo go go vijjummálá
Bha-ta-la-gá mánavakam
Ga-lá samániká ra-já ca
Pamániká ja-rá la-gá
Anutthubham.

"When there are two dactyls followed by two long syllables the metre is called Citrapadá.

"When there are two molossi and two long syllables it is Vidyun-

málá.

- "Mánavaka when a dactyl is followed by an antibacchic, a short and a long syllable.
- "Samání when a long and a short are followed by a cretic and an amphibrach.
- "Pramání when an amphibrach is followed by a cretic, a short and a long."

Chapters four and five give the rules of Ardhasamavritta and Vishamavritta respectively. The last chapter is entirely in verse. It treats of the six Pratyayas, and concludes with a few valedictory stanzas. The manuscript ends with the following words:

Iti sangharakkhitattherapádaviracite vuttodaye chandasi chappaccayavibhágo náma chaṭṭho paricchedo. Vuttodayam samattam.

The following is Gogerly's translation of Mangala Sutta:

"Thus I heard: Buddha was residing at Jetawaney, the garden of Anathapindika, near Sawatti. At that time a certain god, in the middle of the night, illuminating the whole of Jetawaney with his splendour, approached Buddha, and having worshipped him, stood on one side of him, and spake to him this stanza:

- "(God) Multitudes of gods and men, thinking what things are excellent, desire prosperity. Declare the things of superior excellence.
- "(Budha) Not to serve the unwise, but to attend to the learned, and to present offerings to those worthy of homage; these are chief excellencies.
- "To live in a religious neighbourhood, to have been a performer of virtuous actions, and to be established in the true faith; these are chief excellencies.
- "To be well informed in religion, instructed in science, subject to discipline, and of pleasant speech; these are chief excellencies.
- "To honour father and mother, to provide for wife and children, and to follow a sinless vocation; these are chief excellencies.
- "To give alms, act virtuously, aid relatives, and lead a blameless life; these are chief excellencies.
- "To be free from sin, to abstain from intoxicating drinks, and to persevere in virtue; these are chief excellencies.
- "To be respectful, kind, contented, grateful, and to listen at proper times to religious instruction; these are chief excellencies.
- "To be mild, subject to reproof, to have access to priests, and to converse with them on religious subjects; these are chief excellencies.
- "Mortification, celibacy, the perception of the four great truths, and the ascertainment of Nirwána; these are chief excellencies.
- "To have a mind unshaken by prosperity or adversity, inaccessible to sorrow, free from impurity, and tranquil; these are chief excellencies.
- "Those who practise all these virtues, and are overcome by no evil, enjoy the perfection of happiness, and obtain the chief good."
- VI. Yam kiñci, etc. This verse and verses 5 and 6 are translated at pages 86, 87, and 88 of D'Alwis' Páli Grammar.

Buddhe. Literally, "in Buddha." Buddhaghosa here explains Ratana by ratanabhávo.

Khayam. The scholiast renders this word by rágakshaya, and makes it an adjective agreeing with Nibbánam understood.

Amatam. This word is sometimes used as a name and sometimes as an epithet of Nirvána. The scholiast here treats it as an epithet, yad meaning yad nibbánam. The Commentaries say that Nirvána is called "Amata," because birth, decay and death do not take place there.

Sam' atthi. For samam atthi. See Clough's Páli Grammar, p. 14. Satam. Sanskrit सतास. There can be no doubt that the mean-

ing intended is "praised by the good," and that eight men only are spoken of (viz. Maggaṭṭhá and Phalaṭṭhá in the four paths), but taking advantage of the fact that Satam also means "a hundred," Buddhaghosa observes that Puggalá aṭṭha satam pasatthá may also be translated "a hundred and eight praised individuals." This number is obtained by adding up the sub-divisions of the four paths (ekabíjí, kolankolo, etc.).

Cattári, etc. I have paraphrased this passage to make it read intelligibly. Gogerly translates it, "Are there eight classes of men, in four divisions, praised by the holy?" and D'Alwis', "Are there eight beings who have been praised by the holy, they are four couples" (Páli Grammar, p. 89).

Pattipattá. Patti is S. MIN, and Patta S. MIN. The scholiast explains Patti by "Arhatphala."

Vigayha. Sanakrit विवास.

Sito. Sanskrit An.

Bhusa. See Dham. v. 252. Gogerly translates this passage, "they cannot by any allurements be brought eight times more into a state of being." The gloss of the scholiast is, "However greatly they be delayed by the temptations of celestial rule, universal empire, etc., they will not again receive an eighth birth in a Kámaloka."

Atthamam. See Hardy's East. Mon. p. 280.

Tay' assu. For tayo assu. Assu is a "Pádapúraṇa" particle: it occurs at page 106 of D'Alwis' Páli Gram. Ken' assu nivuto loko. The three evil "states" or "qualities" here mentioned are explained by Hardy in East. Mon. p. 289.

Sakkáyaditthi. The Sanskrit equivalent is **RATU ETS**, and the term is fully explained by Bournouf (Introd. p. 263). Hardy's explanation is, "The error which teaches I am, this is mine." Bournouf is undoubtedly right when he says that the first part of the compound is the participle Sat in its primary sense of "being," "existing." Gogerly, in this sútra, translates Sakkáyaditthi, "looking for corporeal enjoyments," perhaps taking Sat in its secondary meaning of "good." The scholiast's rendering is "a wrong view of his body."

Sílabbatam. Paramattha Jotiká explains this word to mean foolish rites foreign to Buddhism: Ito bahiddhá samanabráhmanánam sílena suddhivatena suddhiti evamádisu ágatam gosílakukkurasíládikam sílam govatakukkuravatánam ca vatam sílabbatan ti vuccati. Tassa pahínattá sabbam nissagiyapattikádi amaratapam pahínam hoti. This is also implied in Hardy's explanation, East. Mon. p. 289, 2.

See Dhammapada 271, where the word is used in the opposite sense of "Budhist rites."

Abhithánáni. These are mátugháta, pitugháta, arahantagháta, lohitoppáda, sanghabheda, and aññasatthu-uddesa. See Hardy, E. M. p. 37.

Vanappagumbe. Paramattha Jotiká says, Palásehi pavuddho gumbo pagumbo. For Gumba see Abhidhán, 861. Par. Jot. says that vanappagumbe and phussitagge are nominatives. Another instance of this change is given in Clough's Páli Grammar, p. 15, where it is referred to Sandhi.

Phussitagge. Par. Jot. says, Phussitáni aggáni assâti phussitaggo, sabbasákhásu sañjátapuppho ti attho. Phussita is the Sanskrit yfun, but the Sanskrit metre named yfuntur appears in its Páli form in Vuttodaya as Pupphitaggá.

Paramam hitáya. The following is Buddhaghosa's commentary on v. 12: Evam etam khandháyatanádíhi satipatthánasammappadhánádísílasamádhikkhandhádíhi vá nánappakárehi atthappabhedapupphehi ativiya sassiríkattá tathûpamam nibbánagámim maggám dípanato nibbánagámipariyattidhammavaram n'eva lábhahetu na sakkárádihetu kevalam hi mahákarunáya abbhussáhitahadayo sattánam paramam hitáya adesayíti. Paramamhitáyáti ettha ca gáthábandhasukhattham anunásiko ayam pan' attho paramamhitáya nibbánáya adesayîti. It is here asserted that Paramam hitáya is a compound, for Paramahitáya, with m inserted on account of the metre, and that this Paramahita is Nirvána. Perhaps, however, Paramam might be taken as an adverb to Hitáya, or even as an adjective in agreement with Dhammavaram, so that we might translate, "Supremely (or supreme) for the good of men." For the use of Hitaya in this sense see D'Alwis' Páli Grammar, p. 112, Janatáya hitáya ettha, "it would be for the good of the people," and Kuhn's Kacc. Spec. p. 28. Gogerly translates this verse, "As the buds put forth in the forest during the first months of summer, even so are the glorious doctrines declared by Buddha most delightful to the perceiver of The nominative to adesayi must be supplied from Nirvána." verse 13.

Khínam. This verse refers to the order of Arahat, etc.

Puránam. Kammam is understood. The scholiast's gloss is Atítakále kuçalákuçalakarma. Buddhaghosa has the following comment: Yam tam sattánam uppajjitvá niruddham pi puránam atítabhavikam kammam tanhásnehassa appahínattá paţisandhi-áharanasamatthatáya akhínam yeva hoti tam puránam kammam. Yesam arahattamaggena tanhásnehassa sositattá agginá daddhabíjam iva vipákádána-asamatthatáya khīṇaṃ. Yañ ca nesaṃ buddhapújádivasena idáni pavattamánaṃ kammaṃ navan ti vuccati. "Purána Kamma is the old
Karma, the Karma of former births, which remains undestroyed where
there is non-exhaustion of the oil of human passion, where there is
liability to a renewal of existence. But it is Khíṇa, or destroyed,
in those who by the attainment of final emancipation, by the drying up of the oil of human passion, are no longer liable to future
existence, as a seed burnt by fire cannot germinate. And that
Karma is called Nava, or new, which is now being accumulated by
such works as the service of Buddha, etc."

Sambhavam. Pres. part. neut. Gogerly translates the verse thus: "He whose former things (merit or demerit) are withered away shall have no reproduction; he who is fully free from the desire of future existence, his seed (of future existence) is withered away, and shall never again grow. This eminent person like a lamp shall be extinguished."

Buddhaghosa says, Nibbantiti vijjháyanti dhírá ti yatisampanná. Yathá 'yam padípo ti ayam padípo viya. To explain Ayam he states that when Buddha delivered this sermon some lamps were burning in honour of the deities of the town, and one of them having burnt itself out he pointed to it when he said, "like this lamp." Tasmim kira samaye nagaradevatánam pújattháya jalitesu padípesu eko padípo vijjháyi. Tam dassento, áha yathá 'yam padípo.

Yánîdha, etc. This verse and the two following are stated to be pronounced by the god Çakra or Indra.

VII. For the practices enjoined in this Sútra see Hardy's Manual of Buddhism, p. 59 and 458.

Sandhi. The scholiast says this may mean the junction of streets or of houses, or it may be álokasandhi, "a window."

Singhátakesu. See Abhidhán, 203. The scholiast translates it, "places where three roads meet."

Dvárabáhásu. This word is given at verse 219 of Abhidhán. Padíp., where it is translated "hinge."

Gharam. By metathesis (or rather hyperthesis) for at, the original form of at. The latter word is in Páli gaham.

Koci. The scholiast says, "None of these relatives in the world. of men." The passage is somewhat obscure. Kamma is explained by Akuçalakarma.

Tattha samágantvá. The scholiast says, "At the place where the meal is set ready for them."

Gorakkh' etta. For gorakkhá ettha, th being changed to t for euphony. Compare ida bhikkhave for idha bhikkhave (Clough's Páli Grammar, p. 11).

Vattam. Sanskrit 48.

Sakhá. This must be a plural, though it is in a form not given by Kaccáyana. The 140th rule of his Námakappa is SAKHATOCA-YONO, which the Commentary explains thus: "The noun Sakhá has, beside the regular form sakháno, two irregular forms of the nom. and acc. plur., viz. sakháyo and sakhino. Why is it said in the nom. and acc. plur.? Because these terminations are not found in the other cases, e.g. in the nom. sing., which is sakhá." Clough makes no mention of these forms, but states that Sakhá is declined like Attá. The Sanskrit Sakhá has but one nom. plur. सदाय:

Anussaram. The present participle.

Sanghamhi. See Hardy, Man. Budd. p. 59.

Thánaso. Thána with the adverbial termination So, in Sanskrit THE. This suffix is a much used in Páli. It is dealt with as follows in the 54th and 55th rules of Kaccáyana's Námakappa:—

Rule 54. Sová. Tasmá akárato ná vacanassa so ádeso hoti vá: atthaso dhammam jánáti: byañjanaso attham jánáti: akkharaso: suttaso: padaso: yasaso: upáyaso: sabbaso: thámaso: thánaso. Vá ti kim attham?: pádena vá: atirekapádena vá: yo bhikkhu theyyacittena parassa bhandam ganháti so bhikkhu párájiko hoti asamváso.

"The suffix So optionally takes the place of the inflexion of the instrumental case, e.g. Atthaso, Byañjanaso, etc. Why optionally? Because instead of saying Pádaso, we might say Pádena, or Pádavasena, or Atirekapádena; and instead of Theyyaso we might say Theyyacittena."

Rule 55. Dighorehi. Dígha ora icc-etehi smá vacanassa so ádeso hoti vá yathá sankhyam: díghaso: oraso: díghamhá: oramhá: díghorehi ti kim attham: saramhá: vacanamhá.

"In Digha and Ora the suffix So may be used for the inflexion of the abl. singular; thus, dighaso, oraso, equivalent to dighamhá and oramhá. Why is it said in Digha and Ora? Because with other words, as Sara and Vacana, this suffix cannot be used for the ablative inflexion, but we must say saramhá, vacanamhá."

I have collected the following instances of this suffix, and many more might be added to the list: atthaso, byañjanaso, akkharaso, suttaso, padaso, pádaso, yasaso, upáyaso, sabbaso, thámaso, thánaso,

theyyaso, yoniso, dhátuso, hetuso, bilaso, antamaso, abhinhaso, anekaso, pañcapañcaso, díghaso, oraso. In Sanskrit we have पश्चास्, चार्यस, वोटिश्स, तावक्स, खोकश्स, वितशस, वक्स, स्ट.

VIII. Odakantike. The scholiast says, "In a deep pit in the earth close to water." That is, so deep as almost to reach the water which is always found if we dig deep enough. I am disposed to think that Qdakantikam is a noun meaning "a deep pit."

Tam (v. 3). The scholiast has the following note: "Here Tam is a pádapúrana particle; or else we must suppose that Tam sabbo stands by change of gender for So sabbo, as in the phrase, Yathá tam appamattassa átápino.

Cetiyamhi, etc. In this verse and the next I have followed the scholiast, but the locatives are probably governed by Sunihito in verse 8.

Gamaníyesu. The scholiast translates Gamaníyáni by bhogá. The word evidently means "transitory," and as applied to earthly riches is opposed to Anugámika in the previous verse. The locative presents a difficulty, but may perhaps be explained thus, "In the case of the treasures of this world, leaving them." See Dhammap. 142.

Asádháranam. For asádhárano, as in verse 3.

Manussiká. This is undoubtedly the right reading, but the form is highly irregular.

Yoniso. The scholiast translates this "wisely." See Dham. v. 326 and note.

Mahiddhiyá. ऋडि with महा and suffix य. The scholiast gives another reading, Mahatthiká, "of great advantage."

Yadidam. This adverb means "namely," "that is to say," "for instance." See D'Alwis' Páli Gram. p. 107, second line. It retains, I think, its meaning in the verse we are considering, "Thus this thing, namely the possession of merit, is of great effect." Here Esá should properly be Idam or Eso (nidhi), but is made feminine by attraction to Sampadá.

Compare Esa paccayo jarámaranassa yadidam játi, "this is the cause of decay and death, viz. Birth." (Mahá Nidána Sutta.)

IX. Abhisamecca. इत with श्राभ, सम् and श्रा.

Sújú. The Sanna gives another form of this word, Suhuju.

Padam. Gogerly translates this word "Path of Nirvána." But I doubt that Pada is ever used in Páli in the sense of road or path. No such meaning is attributed to it either in Abhidhána Padípiká or in Clough's Singhalese Dictionary. The former work gives the following meanings for Pada: "Place, protection, Nirvána, cause,

word, thing, portion, foot, footstep." As a name for Nirvána I believe Pada to be used in the sense of "place" or "lot." In Dham. v. 368, Fausböll translates Santam padam "the tranquil place" (the Commentary says Santakotthása). But in verse 114 he translates Amatam padam "the immortal path," when the Commentary has Maranavirahitam kotthásam. In verse 21 Pada may fairly be rendered "way" in its figurative sense of "means" or "cause." Buddhaghosa, in the commentary on verse 21, says that Amatapada means Amatassa adhigamúpáyo, "means of attaining Nirvána," and a few lines further down he says, Padan ti upáyo maggo.

Sallahukavutti. A compound of sam, lahu, and vutti (वृश्ति).

Kulesu. In the families or houses he frequents for alms.

Tasá. Dham. v. 405.

Díghá. The scholiast says, "for instance serpents."

Niyam. Sanskrit निज.

Ayusá. Abl. of áyusam, "duration of life." Gogerly says, "As a mother protects with her life."

Yávat'. Yávatá.

Brahmam. Par. Jot. and the scholiast explain Brahmam viháram by Setthavihára. Gogerly translates the passage, "This place is thus constituted a holy residence." The scholiast says that Khu refers to "Buddhas and other holy men (árya's)."

Vineyya. Contracted for vinayeyya, as bháveyya for bhávayeyya. Khuddakapáthappakaraṇaṃ. The meaning of this title is, "The book which contains the short readings." Compare Khuddakanikáya, which means not "the short collection," but "the collection of short books," viz., Khuddakapátha, Dhammapada, etc. Díghanikáya means "the collection of long Sútras," as appears from the fifth verse of Buddhaghosa's introduction to Brahmajála Sutta Aṭṭhakathá:—

Díghassa díghasuttankitassa Nipupassa ágamavarassa Buddhánubuddhasamvannitassa Saddhávahagunassa.

"The noble Long Collection, distinguished by its long discourses, of subtle meaning, praised by Buddha and his apostles, and possessed of the qualities that sustain faith."

ART.VIII.—An Endeavour to Elucidate Rashiduddin's Geographical Notices of India. By Col. H. Yule, C.B.

[Read Dec. 21, 1868.]

One of the most interesting articles in the late Sir Henry Elliot's work, "The History of India as told by its own Historians," is that which consists of extracts from Rashiduddin's Jámi'-ut-Tawárikh. A large part of that worthy's notices of India is indeed taken from Albiruni, but the concluding portion is presumably his own, and speaks of a state of things existing in his own time. It is to this portion of the article that the following observations refer. In the original edition of Sir Henry Elliot's work this was crammed with obscurities. Many of these have been removed by the recent editor, Professor Dowson, through the comparison of various MSS., but obscurities still remain. Recent studies having directed my attention to this subject, I have been trying to clear In many cases I have utterly failed; in some I trust to have succeeded in throwing a little light, and I venture to submit the result to the Society, in the hope that others, much more competent, will lend aid in cracking some of the hard nuts that are left.1

The editor, for reasons given in his preface, has adopted a system for the exhibition of Oriental words which does not attempt the representation of precise Oriental spelling. He says this would have been unheeded by the general reader, and useless to the scholar. An anomalous reader like myself, who cannot class himself as either the one or the other, has, perhaps, no right to say a word. Yet, I think, where so

¹ The substance of part of these remarks has been already printed in notes scattered over Cathay and the Way Thither; a work issued by the Hakluyt Society.

many proper names occur of exceedingly doubtful reading, it would have been well either to discriticize the letters or to give the original readings below. This last has been done, indeed, in many cases, but in some others, where it was very desirable, it has been omitted.

I shall extract the passages on which I have anything to observe, paragraph by paragraph, interpolating the remarks that have occurred to me; omitting entirely those passages on which I have nothing relevant to offer.

(Guzerát, p. 67.)

"Múltán and U'ch are subject to Dehli, and the son of the Súltán of Dehli is the Governor. There is a road from hence by land as well as by the shore of the sea to Guzerát, which is a large country, within which are Kambáya, Somnát, Kankan, Tána, and several other cities and towns Grapes are produced twice during the year, and the strength of the soil is such that cotton plants grow like willows and plane-trees, and yield produce ten years running. Sugar from Malwa, bádrú (balm) and baladi are exported in ships from the coasts of Guzerát to all countries and cities."

Kankan and Tana, which are printed in the translation as distinct, should, in all probability, form a compound name, Kankan-Tána, uniting the name of the city and province, as in Kij-Makrán, Diul-Sind, and many other cases. The compound term is actually used by Ibn Batuta in the shape of Kúkan-Tána (III., 335), whilst it appears in the Portulano Mediceo of the middle of the 14th century as Cocintana, and in the Catalan Map of 1375 more incorrectly as Cocintana.

The statement about the cotton plants of Guzerat is remarkable in itself, and also from its conformity with what Marco Polo says in treating of the same province: "In this province of Guzerat there grows much pepper, ginger, and indigo. They have also a great deal of cotton. Their cotton plants are very large, growing full six paces high, and to the age of twenty years. It is to be noted, however, that when the trees get so old the cotton is not good to spin, but only fit for quilting and stuffing beds. Up to the age of twelve

years they give good spinning cotton, but from that to twenty years the produce is inferior."

Baladi is, I imagine, the quality of ginger so called ("country ginger"), which is often mentioned in the mercantile handbook of Balducci Pegolotti (circa 1340), as well as by Nicolo Conti, and, at a later date, Barbosa.

There seems some doubt about Bádrú, which is, in part, a conjectural reading, and does not seem to be a probable staple of trade. In a previous passage, (p. 66) the word appears in the form of Báwarúi. There is a passage in Barbosa of which I will hazard the quotation, as perhaps containing light on the subject. Speaking of staple articles of export from the ports near Cambay he especially names manufactured articles of carnelian and of chalcedony, "which they call Babayore" (Ramusio I., f. 297 v.). The Mohit also, in speaking of Cambay, says: "In this country is a profusion of Bábághúri and cornelians (J.A.S.B. V. 463). The word is in Redhouse's Turkish Dictionary as "باباقوري, a kind of hard stone, an agate (?);" and in his English-Turkish Dict. the equivalent of chalcedony is given اق باباقوري, and Bábákúri simply with a (?), as that of agate. This word may thus possibly be identical with Báwarúi, which in that case would represent the chalcedonies and agates which have so long been a product of Cambay.

(Malabar, p. 67-8).

"Beyond Guzerat are Kankan and Tána; beyond them the country of Malíbár, which, from the boundary of Karoha to Kúlam, is 300 parasangs in length. . . . Of the cities on the shore the first is Sindábúr, then Faknúr, then the country of Manjarúr, then the country of Manjarúr, then the country of Sadarsá, then Jangli, then Kúlam."

Karoha, the northern boundary of Malabar. The definition of Malabar here includes Canara and even part of the Konkan, for the boundary is to be sought north of Goa, as we shall see presently. I take Karoha to be probably Gheriah (Garhiah?), in after days the fortress of Angria, and a prominent point on the coast. In the early part of the Portu-

guese regime the limit between the Goa territory and that of the Bahmani kings of the Deccan on the coast was at Carapatam, a place not found in our modern maps, but which W. Hamilton identifies (Corepatam) with Gheriah, though Rennell places it some distance south of the latter.

Sindábúr.—Difficulty has been created as to the position of this place, owing to Abulfeda's confounding it with Sindán, which lay north of Tána (see in Gildemeister, p. 188). That place may possibly also have been in old days called Sindábúr—there is nothing to be made of the desperate confusion of Edrisi on the subject,—but Abulfeda's own data show us that the Sindábúr of his day lay three days (voyage) south of Tana, and was reached shortly before Hunáwar (Onore). This agrees perfectly with Rashiduddin's indication, and with Ibn Batuta's. The place appears as Chintabor and Cintapor on the Catalan and Medicean maps, in as great accordance with the position we assign to it as could be expected.

Ibn Batuta himself speaks of Sindábúr as on an island containing thirty-six villages, as being one of the ports which traded direct with Aden, and as being about one day's voyage north of Hunáwar. It could not, therefore, have been far from Goa, and I believe it to have been identical with Goa for the following reasons:—

- (1) Ibn Batuta says the island stood on an estuary, of which the water was salt at flood and fresh at ebb; therefore it was a *Delta* island, as Goa is.
- (2) His mention of Thirty-six villages suggests that this number was notorious. And De Barros says the island of Goa was known by a native name, meaning Thirty Villages. He also says that it was anciently one of the great ports for the import of horses from Arabia.
- (3) In the Turkish work on navigation, called the Mohit, translated by Hammer-Purgstall, there is a section headed by the translator "24th Voyage, from Kuwai Sindabur to Aden." The original characters given in a note read كوه سندابور (J.A.S.B. V. 464).

Gildemeister (p. 46) seems to have an inkling of the view here taken, but does not see clearly that the Goah (rather Kawi کاري) of Ibn Batuta is really in Guzerat (Gongway or Conwa opposite Cambay).

Faknúr is mentioned under that name also by Ibn Batuta, who touched there between Hunáwar and Mangalore. It is probably the Maganúr of Abdurrazzák, and was well known in the 16th and 17th centuries as Baccanore.

Manjarúr is Mangalore, as Sir H. Elliot has pointed out.

Monte Dely, a prominent landmark on the coast between Mangalore and Cannanore, and the name of which is in a Portuguese form "the Hill of Hili or Hely." The hill itself is mentioned by Abulfeda as Rás Haili. The territory is the Ely of Marco Polo, who speaks of its one or more estuaries affording but imperfect shelter to vessels, on which account the Chinese ships that frequented it had to hurry their lading. Ibn Batuta calls Hili a great and well-built city situated on a large estuary, accessible to great ships. It was the only port on the coast, he says, besides Calicut and Kaulam, which the China junks entered. Elly appears on the Catalan map below Manganor; and is mentioned by Nicolo Conti along with Pacamuria (read Pacamuria, Faknúr, or Baccanore).

I find no means of deciding absolutely whether the port of Hili lay north or south of Mount Dely. To the north there is one considerable river, that which Rennell calls Cangerecora, passing Nileshweram (supposed to represent the ancient Nelcynda); to the south of it there is another estuary on which stands Baliapatam, where the English had a factory in the 17th century, and where the Raja of Cannanore had his residence in the 16th. Ibn Batuta puts a port called Jorfattan three parasangs beyond Hili, and I suspect this may be only a quasi translation of Baliapatam (Zor=strength, Bali=strong). If this be so Hili must have been on the northern river.

There is perhaps an indication of Hili in the *Ela*-bacare of the Periplus, at the mouth of the river of Nelcynda; but the passage is defective. There is a clearer indication in the *Elima* of the Ravenna geographer, who mentions it next to Nelcinna or Nelcynda.

sadarsá. This is perplexing as it stands, but the variation given by Professor Dowson from MS. C. (عندرينا) shows clearly what the name ought to be, viz., فندرينا Fandarainá, a port mentioned under that name both by Edrisi and Ibn Batuta, as Bandirana (miswritten Bandinana) by Abdurrazzák, as Fantalaina in a Chinese edict of 1296, regarding Indian trade, which is quoted by Pauthier (Marc Pol, p. 532). It appears as Fenderena in the great map of Fra Mauro, as Flandrina in the travels of Friar Odoric; and in Barbosa, Varthema, and De Barros, by its name in the indigenous shape of Pandaráni. The place has long dropt out of our maps, but its position is fixed by Varthema, who says that opposite the port, three leagues from shore, was an uninhabited island. This must be the Sacrifice Rock, about thirty miles north of Calicut.

Jangli. This is presumably جنكي, and I doubt not it should be read Chinkali. The name appears as Shinkala or Shinkali in Abulfeda (see Gildemeister, p. 185), and is mentioned as Cynkali by John Marignolli, Cyngilin by Odoric, and Singuyli by Friar Jordanus. Abulfeda couples it with Sháliyát, called by the Portuguese Chalia and Chale, which was the port next below Calicut. And the next again of importance below that was Cranganore. Now Assemani tells us incidentally that Cranganore was also called Scigla, i.e. Shigla, or Shinkala. Chinkali is therefore Cranganore (Assem. III., Pt. 2, 440 and 732)

Kulam, the Kaulam, Columbum, Coilon, Colon, of many travellers from the 9th century downwards, surviving in decay as Quilon.

(Ma'bar, p. 69).

"Ma'bar, from Kúlam to the country of Siláwar, extends 300 parasangs along the shore. Its length is the same. It possesses many cities and villages, of which little is known. The king is called Dewar, which means, in the Ma'bar language the "lord of wealth." Large ships, called in the language of China "Junks," bring various sorts of choice merchandize and clothes from Chin and Máchin, and the

countries of Hind and Sind. The merchants export from Ma'bar silken stuffs, aromatic roots; large pearls are brought up from the sea. The productions of this country are carried to 'Irak, Khurasan, Syria, Rúm, and Europe. The country produces rubies and aromatic grasses, and in the sea are plenty of pearls. Ma'bar is, as it were, the key of Hind. Within the few last years Sundar Bandi was Dewar, who, with his three brothers, obtained power in different directions, and Malik Takiuddin bin 'Abdu-r rahman bin Muhammadu-t Tibi, brother of Shaikh Jamáluddin, was his minister and adviser, to whom he assigned the government of Fatan, Malifatan, and Báwal; and because there are no horses in Ma'bar, or rather those which are there are weak, it was agreed that every year Jamáluddin Ibrahím should send to the Dewar 1400 strong Arab horses obtained from the island of Kis, and 10,000 horses from all the islands of Fárs, such as Katíf, Lahsa, Bahrein, Harmúz, Kilahát, etc. Each horse is reckoned worth 220 dinars of red gold current. . . In the year 692 A.H. (1293, A.D.) the Dewar died, and his wealth and possessions fell into the hands of his adversaries and opponents, and Shaikh Jumaluddin, who succeeded him, obtained, it is said, an accession of 7,000 bullock loads of gold, etc., and Takiuddin, according to previous agreement, became his lieutenant."

First, as to the names of places in this passage. For Siláwar read Niláwar, and then we get the northern limit of what was understood by Ma'bar. Kaulam belonged to Malabár. But beyond that, or as Abulfeda puts it, beyond Cape Comorin, and, as we here learn, as far as Nellore, was called Ma'bar. The reading commends itself to adoption; but in fact it is found in a parallel passage of Wassáf's history, which will be referred to afterwards.

For Báwal read Káil, as in Binakiti, quoted in the editor's note. Káil was a famous port in those days, to which Marco Polo devotes a chapter. It stood a little south of Tuticorin, which may be considered its modern but far humbler representative. Indeed Coilpatam is mentioned in Hamilton's Gazetteer as still a chief port of Tinnevelly, though now it

has dropt from our maps. It continued to be a place of some importance down to Portuguese times, and is mentioned by Abdurrazzák (miswritten Kábil), Conti (Kahila), Vasco da Gama (Caell), Barbosa, Varthema, and Giovanni of Empoli. The traditions of the Mahommedans of Ceylon point to it as the first settlement of their forefathers in India.

The identification of Fatan and Malifattan is a desideratum. Fattan is mentioned by Ibn Batuta as a fine large city on the shore, with an excellent harbour. He visited it when accompanying Ghaiássuddín, Sultan of Ma'bar, from a campaign in the vicinity of Harkátu (Arcot) to Mutrah (Madura). It appears also to have been the chief port of Madura, for Ibn Batuta goes thither from Madura to take ship, and finds a fleet bound for Malabar and Yemen. Either Negapatam or Nagore appears to answer best to these frail data. names Nagore and Fattan alike signify "The City," perhaps it is to be identified with Nagore, which retained a large amount of foreign trade, especially with the Archipelago fifty years ago, whatever may be its present state. But, as regards means of information in books, I must say now as Rashid said then, that that coast possesses many cities and villages, but I can learn little about them!

Malifattan is presumably the Manifattan of Abulfeda, mentioned by him as a city on the coast of Ma'bar. It is also mentioned as a principality of southern India by Friar Jordanus (circa 1328). "There is also the King of Molephatum, whose kingdom is called Molepor, where pearls are taken in infinite quantities." And, when the said Jordanus was nominated Bishop of Columbum or Kaulam, we find the Pope (John XXII.) addressing commendatory letters in his behalf, not only to the Christians of that place, but also to "the whole body of Christian people dwelling in Molephatam." The mention of pearls points to the vicinity of the Gulf of Manar. And the address of the Pope's letter is remarkable, as showing that there were Christians before the time of Xavier on that coast as well as in Malabar. Malipatan marked in a map which accompanies a letter from

¹ Oder. Raynaldi Annal. Ecclesiast. An. 1330, lv.

Père Bouchet in the Lettres Edifiantes. It there occupies a position on the shore of Palk's Bay, a little north of where our maps show Devipatan, but perhaps identical therewith. This is very probably the medieval Malifattan.¹

The two Jamaluddins mentioned in the extract are to be distinguished, as may be gathered from a comparison of the extracts from Wassaf, which Hammer-Purgstall has happily pitch-forked into his History of the Ilkhans. The one called here Shaikh Jamaluddin, is called by Wassaf Jamaluddin Abdurrahman Ut-Thaibi, "the Great Farmer-General and Lord of the Marches of India;" and we see here that he became more or less of a ruling Prince in the Peninsula a good many years before the time when standard histories recognize any Mahomedan rule in those parts. perhaps, the Tchamalating, whom Pauthier's Chinese Extracts show to have gone on a mission from Ma'bar to the court of Kublai Kaan in or previous to 1281; and the Silamuting, whom they show as ruler of Ma'bat in 1314, was perhaps his grandson Nizámuddír, of whom Wassáf speaks (see Pauthier. pp. 601, 604, and Hammer, ii. 206). The other, Jamaluddin Ibrahim, bore the title of Malik-ul-Islam, and was Farmer-General of Fárs in the time of Arghún Khan and his successors, with great authority in the Persian Gulf. His contract with Takiuddin, the brother of the Indian Jamaluddin. is also mentioned by Wassaf, who was himself secretary to the Persian official and conducted his correspondence with India.2

We should not omit to note again a striking conformity with Marco Polo's statements in the paragraph on which we are now commenting. When that traveller was in Ma'bar he found it under the rule of five brothers, of whom one, called Sender-Bendi Devar, ruled that province which was near Ceylon, which held supremacy over the pearl fishery, which was the best and noblest province of southern India, and which was called Soli, indications which point to Tanjore and Ramnad; whilst another brother, called Asciar (Ishwar?),

¹ See Lett. Edif. (First Edition) 1722, Rec. XV.; Lyons Edn. 1819, Vol. VII. ² See Gesch. der Ilchane, II. 51-2, etc.

ruled at Kaïl. In Ramusio's version of Polo the conformity is even closer, for that version, like Rashiduddin's account, makes the brother princes not *five*, but four in number. Polo, too, speaks of the horse trade in almost the same terms as the text, though he puts the price that horses then reached still higher, viz., "500 saggi of gold, worth more than 100 marks of silver." 1

Sundar Bandi (Sundara Pándi) died, as we see from Rashid, in 1293, which must have been immediately after Marco Polo's passage by India to Persia, though that traveller's knowledge of Ma'bar may have been derived from an earlier visit to the Indian coast, of which there are some suggestions. Shaikh Jamaluddin is here stated to have succeeded Sundara Pandi, and the former, according to Wassaf (as far as I can make out from Hammer's dates), died about 1306. We then hear of a Raja of Ma'bar—distinct, apparently, from any one of the four brothers—stepping in to confiscate the great wealth which Jamaluddin had left. This Raja is called by Wassaf, Gilish Diur (Kalesa Dewar?). It is stated that he had ruled for forty years in perfect peace and health, without ever having been sick or attacked by an enemy! In the treasury of Shahrmendi he had accumulated 1200 krors (!) of gold. He had two sons, Sundar Bandi by a lawful wife, and Pirebandi (Vira Pandi?) by a concubine. He designated the latter, who was the superior character, as his successor. Sundar Bandi, enraged at this, slew his father (1309), and took forcible possession of Shahrmendi and its treasure. Pirebandi succeeded in driving him out; Sundar Bandi went to Aláuddin, Sultan of Dehli, and sought help. The Sultan eventually sent his General Hazárdinári (Malik Kafúr) to conquer Ma'bar, etc.²

This looks like a genuine story, but there are several diffi-

The saggio of Venice was 1-6th of an ounce, but in Asiatic estimates Polo probably uses it for the miskal, which was not very different. The miskal of gold would be worth about 13s. in gold, giving £325 for the price of a horse; whilst 100 marks of silver would be a little over £200 in silver of our present money. But I have elsewhere shown reasons for believing that the relation of gold to silver in civilized Asia was then as 10 to 1; and this would make the two values nearly equivalent.

3 Hammer, ib. 197 and 205-6.

culties. The Sundar Bandi here spoken of must, of course, be a different person from the prince mentioned by Polo and Rashiduddin, and it is difficult to co-ordinate this Raja Kalesa of forty years peaceful reign with the four or five brothers at perpetual war, whom Polo found in possession of the country. Possibly these latter were adventurers who had divided the coast districts among them, whilst the Sovereign of the old dynasty still reigned in the interior at Shahrmendi, which may be Madura, but is, perhaps, more probably the fortress of Trisirapuri (Trichinopoly).

Sea Route to China from Ma'bar, p. 70.

"There are two courses or roads from this place: one leads by sea to Chin and Machin, passing by the Island of Silan. It is four parasangs long and four wide. It is parallel to the equator.

"The Island of Lámúri, which lies beyond it, is very large. It has a separate king.

"Beyond it lies the country of Súmútra, and beyond that Darband Nias, which is a dependency of Java. In the mountains of Jáva scented woods grow. In those islands are several cities, of which the chief are Arú, Barlak, Dalmian, Jáva, and Barkúdoz. The mountains of Jává are very high. It is the custom of the people to puncture their hands and entire body with needles, and then rub in some black substance to colour it.

"Opposite Lámúri is the Island of Lákwáram, which produces red amber. Men and women go naked, except that the latter cover the pudenda with cocoanut leaves. They are all subject to the Káán. Passing on from this, you come to a continent called Jampa, also subject to the Káán. The people are red and white.

"Beyond that is Haitam, subject also to the Káán.

"Beyond that is Máháchín, then the harbour of Zaitún on the shore of the China Sea, and an officer of the Káán, entitled Shak, resides there. Beyond that is Khansái', in which the market-place is six parasangs broad, from which it may be judged how large the place is. It is subject to the deputies of the Káán, who are Moghals, Musulmáns, Khitáyans and Ghuris. Khansái is the capital.

"Forty days' journey from it lies Khánbálik, the capital of the Phœnix of the West—Káán, king of the earth."

The two courses diverging from Ma'bar (viz., from Kail) are two routes to China—one by sea, the other along the eastern shore of India and then overland into Western China.

The passage about Silán and Sarandip is confused and probably corrupt. The four parasangs of length and breadth probably was written forty. One of the articles in Kazwini (Gildemeister, 197) makes the length and breadth of Sarandib equal, each eighty parasangs; and another article (p. 203), as here, seems to distinguish between Suilán and Sarandip, putting the latter in the interior of the former.

The application of the term Judi to Adam's peak is curious. Sir E. Tennent mentions that a Samaritan version of the Pentateuch, and an Arabic version of the same in the Bodleian library, both substitute Sarendip for Ararat in the narrative of the Deluge. As Judi is the Ark Mountain of the Mahomedans, it looks as if Rashiduddin held the same tradition.

The Island of Lámúri is certainly Sumatra, with especial reference to its North-West extremity (not North-East, as in Sir H. Elliot's note). The name is used in like manner by Friar Odoric, who, on quitting Ma'bar, and sailing fifty days across the ocean towards the south, came to a certain country called Lamori, where he lost sight of the North Star. Lambri, a province of this part of Sumatra, appears not only in the Shijárat Maláyu and Marco Polo, as mentioned in the note, but also in De Barros as one of the twenty-nine petty kingdoms which divided the coast of Sumatra at the beginning of the 16th century. The Turkish author of the Mohit, in describing the course to Malacca, says: "If you wish to reach Malacca guard against sighting Jámisfulah" (Pulo Gomus, a small island off Achin Head, the Gavenispola of Marco Polo), "because the mountains of Lámri advance into

¹ Coylon, Fourth Ed., I. 551-2.

the sea, and the flood is there very strong" (J. As. Soc. Bengal, VI., 807).

Súmútra is mentioned with reference to Lamori in the same way as here, by Friar Odoric. "In this same island towards the south (i.e. in the same bearing that he believed he had come from Ma'bar), is another kingdom, by name Sumoltra," in which he says the people brand themselves on the face, i.e. tattoo themselves, as stated here; a practice not now followed by any of the races of Sumatra itself of which we have distinct accounts. The kingdom in question is the Samudra of the Malay Annals, the Samara of Marco Polo (probably a clerical error for Samatra), and the Súmuthra of Ibn Batuta, who twice visited the court of its Mahomedan Sultan near the middle of the 14th century. It lay along the north coast, west of Pasei, and the capital probably stood near the head of the Bay of Pasei. Possibly traces or memory of it would be found still to exist, but that coast has almost fallen out of the knowledge of European geography.

Though Nias is the name of a large island off the west coast of Sumatra, I hardly think it can be referred to in the term Darband Nias or Manás. The writer is noting points on the route to China. Sumatra comes in beyond Lamuri; Nias does not fall into the route. The term Darband, perhaps, points to the Straits of Singapore, and Singhapúra was a Javanese colony.

Aru and Barlak were both petty states of Sumatra. The former appears (Haru) in the Malay annals as converted at an early date to Islam, and is mentioned by De Barros and other Portuguese writers. Its position was apparently on the Eastern coast of the Batta country, below the Assahan River. Tanjong Perlak, the Malay name of what we call Diamond Point, is a trace of the kingdom of Perlak (or Barlak of the text); it is mentioned in the Malay annals, and is Marco Polo's Ferlec.

Dalmian might prove to be the Dagroian of Polo, if we knew the proper reading.

Lákwáram no doubt should be Nákwáram, the Necuveram of Polo, Nicobar Islands. Their ambergris and naked folk

are standing topics down a long chain of travellers. The statement that they were subject to the Káán is illustrated by Polo's similar statement as to uncivilized races on the coast of Sumatra: "They call themselves his subjects, but they pay him no tribute; indeed they are so far away that his men could not go thither. Still, all these islanders declare they are his subjects, and sometimes they send him strange things as presents." Kublai Káán had a whim of sending embassies about the world to invite tenders of allegiance and to collect curiosities. One of them got as far as Madagascar, and was treated like Mr. Rassam. Kublai, more fortunate than a government we wot of, appears to have got his envoys released at the expense of a second mission, and they brought him back full compensation in the shape of a rukh's quill eighty palms long.

Jampa is the Champa and Chamba of medieval travellers, the Sanf of older Arab voyagers, and was then equivalent to Cochin China without Tonking.

Haitam should probably be Hainam, and represent 'An-nam or Tonking.

Máháchin is Canton. Odoric, John Marignolli, Wassáf, Ibn Batuta, and Rashiduddin himself elsewhere, give it the same name in the Persian form of Chin-Kalán. It also appears in that form in the Catalan map, very well placed.

Zaitún, or Chincheu (properly Thsiuancheu), probably in in those days by far the greatest commercial port in the world, has often been written about. Ibn Batuta landed here, and hence, apparently, Marco Polo sailed for Persia.

Shak, the Káán's officer. Read with Sing or Shing, as the Sank of the note suggests. "Shing, i.e. a great city, in which the high and mighty council holds its meetings" (Wassáf by Hammer, p. 43). "Scieng qe vaut à dire le Cort Greignor qe ne a sor elz qe le Grant Sire. Le Palais ou el demorent est ausi apellés scien" (Polo, in Ed. Soc. de Geog. p. 110). "The empire hath been divided by the Lord thereof into twelve parts; each one whereof is termed a Singo" (Fr. Odorie, p. 136). "As the Kaan generally resides at the capital he has erected a palace for the sittings of the Great

Council, called Sing . . . Sing do not exist in all the cities, but only in the capitals of great provinces, which, in fact, form kingdoms ranking with Baghdad, Shiraz, Iconium, and Rúm. In the whole empire of the Kaan there are twelve of these Sing" (Rashiduddin, an extract by Klaproth, Journ. As. Ser. II. Tom. XI.).

Neumann says the Chinese word is Sing, signifying primarily to investigate, and then Inspection, a Province, a Provincial Council. "It is also pronounced Seng in the sense of the city or capital where the council sits." Pauthier, again, says Polo's Scieng is rather Siang, a minister of state, or his office. Probably the non-Chinese confounded the words.

Ghuris. Read Ighúrs. In another place Rashid says the members of the Káán's cabinet were Tajiks, Cathayans, Ighurs, and Arkaún (Nestorian Christians).

(Overland Route to China, p. 72-3.)

"With respect to the other road, which leads from Ma'bar by way of Khitáí, it commences at the city of Kábal, then proceeds to the city of Kúnjú and Sunjú, then to Kín, then to Mali Fatan, then to Kardaráyá, then to Hawáriún, then to Daklí, then to Bijalár, which, from of old, is subject to Dehli, and at this time one of the cousins of the Sultan of Dehli has conquered it, and established himself, having revolted against the Sultán. His army consists of Turks. Beyond that is the country of Ratbán, then Arman, then Zar-dandán, so called because the people cover their teeth with gold. They puncture their hands and colour them with indigo. They eradicate their beards, so that they have not a sign of hair on their faces. They are all subject to the Káán. This country is bounded on one side by the sea, afterwards comes the country of Rákán, the people of which eat carrion and the flesh of men; they likewise are subject to the Káán. Thence you arrive at the borders of Tibet, where they eat raw meat and worship images, and have no shame respecting their wives. The air is so impure that if they eat their dinner after noon they would all die. They boil tea and Aneat winnowed barley other large country is called Kandahár, which the Moghals

call Karájáng. These people spring from Khitáí and Hind. In the time of Kúbilá Kåân it was subdued by the Moghals. One of its borders adjoins Tibet, another adjoins Khitá, and another adjoins Hind. Philosophers have said that there are three countries celebrated for certain peculiarities: Hind is celebrated for its armies, Kandahár for its elephants, and the Turks for their horses."

The names in this passage are so corrupt and uncertain that we can just trace the general line intended; and it is at least interesting to know that such a line of communication with China was recognized in those days.

For Kábal again read Káil, which is the point of starting. Kúnjú and Sunjú, which are omitted in some of the MSS., I suspect may be interpolations by some one misunderstanding the route.¹

Taking the variations in the editor's note as a basis, I would read: "It commences at the city of Káil, and proceeds thence to Fattan (قين instead of قين) and thence to Majlifattan" (Masulipatam).

Kardaráyá is probably Godavery in some form. A city in the Delta (Coringa?) was so called, at least, by foreigners, as may be seen in De Barros. And Rennell writes Point Godavery as Gordewar.

For the next name the old edition had Hawárawún, which, possibly might be a corrupt transcript of Sunárkáwún or Sunargong. Bijalár is of course Bengal, as the note shows, then quasi-independent under the dynasty of Nasaruddín, who was son of the Emperor Balban of Dehli. Ratbán and Arman (or Uman) I should guess to represent Arakan (Rakán or Rakain), and Burma under some form of Polo's name for it (Mien or Amien). The Zardandán are old friends described precisely under that name by Polo; their headquarters were at Yunchang, on the Chinese frontier of Burma.² The next passage, introducing the sea, is absent

I suspect they were Singphos, but no modern report attests the existence of the custom ascribed to them among any tribe on that frontier.

¹ We do find Kanja and Sanji in Edrisi (see the extracts, p. 90), though it is difficult to know where to look for them. Kanchi and Ginges are the nearest conjectures I can make, if the names in the text are genuine, but I cannot think these probable.

from some MSS., and is not comprehended. Those shameless people on the borders of Tibet are probably Polo's people of *Kaindu*, to whom he ascribes a discreditable custom.

Karájang was we know the term applied by the Mongols to the great Province of Yunan, in the conquest of which Kublai Kaan took part personally, before his accession to the sovereignty. The term is used by Marco Polo (Carajan). But the other name here applied to it, Kandahár, is more obscure. Kandahár was the Arabic form of the name of Gandhárá, the ancient and famous province on the Upper Indus, as may be seen in Sir H. Elliot's note, p. 48 of the work. It was the custom of the Indo-Chinese nations, who derived their religion from India, to apply Sanscrit names, and the names of Indian countries, especially such as were famous in the history of Buddhism, to their own lands and cities or those in their vicinity. Thus we have in Indo-Chinese regions Champa, Kamboja, Ayodhya, Kausambi, and many more such duplicates of ancient Indian names. Among the rest Gandhára appears to have been thus applied to Yunan, or some part of it. In the correspondence of the Kings of Burma with the court of Peking, the Chinese Emperor is often styled the King of Gandálarit, which seems to be the Burmese form of the name ! (e.g. see J.A.S. Bengal V. 161; VI. 436, 438). It is odd certainly that Rashiduddin should have got hold of this name. And it is pretty evident that he confounds it with the original Gandhára, for . in another place he says: "The Indians call it Kandar, we call it Kandahár." The old saw of the 'Philosophers' is not likely to have had any reference to remote Yunan, of which the knowledge probably only reached Persia since the Mongol conquest of it. And, lastly, in the passage translated at p. 63 of Elliot, Rashidud-din, in transcribing Albiruni's notice of the real Gandhárá on the Indus, interpolates "which the Moghals call Karájáng," an interpolation which sadly shakes one's faith in the soundness of the Wazir's geographical knowledge.

¹ Col. Burney (VI. 436) says Gandálarét is the classical name for *China*. But my friend, Sir Arthur Phayre, informs me that it applies to some part of Yunan.

ART. IX.—Sassanian Inscriptions explained by the Pahlavi of the Parsis. By E. W. West, Esq.

[Read March 15, 1869].

Mr. Thomas has lately done good service to Pahlavî archæology, by collecting all the best copies of the Sassanian inscriptions, that are known to exist, from the various books of travels and unpublished papers in which they have hitherto remained comparatively hidden and neglected. If his tentative translation of the Hajîabad inscription is likely to be less useful, it is probably owing to his treating the language as an unknown one, and only to be interpreted by a free use of all available lexicons, aided by a variety of hazardous guesses. But there is good reason for believing that the language of these inscriptions is not unknown, as the composition, or rearrangement, of most of the Pahlavî literature of the Parsîs, is traditionally ascribed to the time of the Sassanian rule; if, therefore, this tradition be correct, there ought to be a close resemblance between the language of the inscriptions and that of the Pahlavi books, after allowing for probable alterations made in the books, by successive copyists.

A large portion of the Pahlavi literature remains, as yet, a sealed book to Europeans, but sufficient is available for a fair comparison with the language of the inscriptions, although perhaps not enough for their full explanation. It is evident that this investigation is of importance, as tending to settle, in an indisputable manner, both the age and character of (what Mr. Thomas styles) "the dubious and composite infiltrations of the ancient Pehlvi, accepted in Bombay;" in comparison with which settlement, the mere translation of the inscriptions is a matter of small moment, as they are not likely to contain any valuable historical facts, not already known from other sources. It has been, however, with a view

to both objects, that the attention of Dr. Haug and myself has been directed to this investigation, and the object of the present paper is to detail the first results we have obtained.

The Pahlavî of the Pârsî books is a composite language, containing the two elements, Huzvarash and Pazand, mingled in varying proportions. The Huzvarash is Semitic, except certain terminations to be noticed hereafter, and a few words derived from the Zand; while the Pazand is merely a dialect of Persian, written either in Pahlavî or Zand letters, and which it is convenient to call Parsî when written in the Persian character. All the Huzvârash verbs have an unwieldy appearance, owing to the Persian verbal terminations being added to the original verb. Such an arrangement is evidently necessary for indicating the moods, tenses, and persons, which are not otherwise expressed, and it is the usual mode of introducing foreign verbs into a language; in proof of which we may refer to any of the English verbs derived from the Latin, as obstructed, ascribed, where we find the English verbal termination added to some common form of the Latin verb: or we may take some of the Anglo-Indian developments, not yet admitted by lexicographers, as puckerowed, from pakaro, 2nd pl. imperative of the Hindûstânî verb pakarnâ, 'to seize, lay hold of;' and samjhowed, from the 2nd pl. imperative of samjhana, 'to explain.'

But although the Huzvârash verbs have thus the appearance of being assimilated to their Irânian companions, by the Persian verbal terminations written after them, in the Pahlavî writings, it is still very doubtful if they were ever generally spoken with those terminations. According to Dr. Haug's testimony, they are not so pronounced at the present day, as whenever a Pârsî priest reads a Pahlavî book, he invariably pronounces the Pâzand equivalent for every Huzvârash word that he meets with. Therefore in the case of a Huzvârash verb, the only part of the written word which he pronounces

The exact limits of the Huzvârash are uncertain; according to one definition they would include only the Semitic element of the Pahlavî; according to another, all words explained by Pâzand equivalents, in the old Pahlavî vocabulary of the Pârsîs, should be considered as Huzvârash; in which case, probably one-fifth of the words are of Zand origin, and perhaps some are Turanian.

is the Persian termination, added for his guidance to the crude verb, and which he adds to the crude Påzand verb, which he pronounces. In the same manner, the termination he itar is often added to the Huzvårash words ab, 'father,' and am, 'mother,' to notify to the reader that they should be pronounced padar and mådar, which are their Påzand equivalents. This practice of writing a foreign word and then reading its vernacular equivalent is not altogether unknown among ourselves; we write £ s. d., but read pounds, shillings, and pence; and we write lbs., viz., and i.e., but we rarely read them as anything but pounds, namely, and that is.

The Huzvarash words have thus practically become ideographs, to which a pronunciation, foreign to their original sounds, has become firmly attached. Two effects have been produced by this foreign or Pâzand mode of pronunciation: first, the original pronunciation has in many cases been lost, and mis-readings have been traditionally adopted, as the written Huzvârash often admits of being read several ways, owing to some of the letters representing two or three sounds, and compounds of two or three such ambiguous letters are common, and each of these may therefore be read in from four to twenty-seven different ways; however the written Huzvârash word is rarely much corrupted, so that its correct pronunciation can generally be restored from comparison with other Semitic languages; and any identifications with words in the less ambiguous characters of the Sassanian inscriptions will be of great importance in proving the correctness, or otherwise, of such proposed restorations of the original Huzvârash pronunciation. Secondly, the Pazand has often crept into the text of the MSS. in place of the original Huzvarash word, having, perhaps, been originally interlined as a gloss, and then substituted, by the next copyist, for the Huzvarash word in the text; and this change has been progressive, as may be seen by comparing any modern Pahlavî MS. with an old MS. of the same work, when it will generally be found that the modern MS. contains more Påzand words than exist in the old one.

Returning to the unwieldy verbs so frequent in Pahlavi, it may be observed, that in order to arrive at the real Huzvarash verb, it is necessary to strike off the Persian terminations, and we then find that the verb always ends in ûn, and can be recognized as the third person plural, either of the preterit or aorist, of some Semitic root, unless the final of the root becomes t, in which case the second person plural is adopted as the Huzvårash verb. The verbs phiman, 'to be,' and when att, 'is,' are apparently the only exceptions to these rules, being anomalous forms; the former takes the Persian terminations, but the latter does not. In the old Pahlavî-Pazand Glossary, edited by Dastûr Hoshangjî (under Dr. Haug's supervision) for the Bombay Government, and about to be published, the meanings of one hundred and four Huzvârash verbs are given, besides the two just mentioned; of these only fifteen verbs are in the form of the Semitic agrist, and the remainder in that of the preterit, and twelve of these latter are in the form of the second person plural. The same glossary was given by Anquetil du Perron, in his Zend-Avesta, but the words were much disguised by the uncouth orthography which he adopted, as well as by the altered arrangement.

This glossary must have been in existence before the middle of the eighth century of the Christian era, as it is described and quoted by Ibn Muqaffa, who wrote in the time of the Khalîf Al-Mansûr, A.D. 754-775, and a fragment of whose writings is preserved in the Kitâbu-l-fihrist. From a MS. of this work at Paris, M. Ganneau¹ quotes the following passage, in the words of Ibn Muqaffa, descriptive of this glossary, and quoting the words ..., which actually occur in the glossary, as it stands at the present day. e has a safe used of the glossary, as it stands at the present day.

Journal Asiatique, Avril-Mai, 1866, p. 430. This passage has been several times quoted, as by M. Quatremère, Jour. As. Mars, 1835, p. 256; and thence, with other matter, by Prof. Spiegel, in his Grammatik der Huzvâresch-Sprache, p. 22; also by M. Lenormant, Jour. As. Aout-Sept. 1865, p. 200. But none of these writers appear to have noticed that the Arab writer, of the eighth century, was referring to the Pahl.-Pâz. Gloss. published, in a modified form, by Anquetil du Perron, in his Zend-Avesta, in 1771.

نحو الف كلمة ليفصلوا بها بين المتشابهات مثال ذلك انه من اراد ان يكتب كوشت و هو اللحم بالعربية كتب بشرًا و تقراه كوشت على هذا المثال وهو الحربية كتب نان و هو الخبر بالعربية كتب لمثال وهو الخبر بالعربية كتب لمنال و تقراه نان على هذا المثال للنهد و على هذا كل شى ارادوا ان يكتبوه الا اشيا لا محتاج الى قلبها تكتب على الافظ

Which may be translated as follows: "And they [the Persians] have an orthography called Zawarash; they write it with letters connected and disconnected, and it has about a thousand words, that they may distinguish in it between what are similar; for example, whoever wishes to write gūsht, which is lahm (flesh) in Arabic, writes bisrā and reads it gūsht, in this fashion and; and when he wishes to write nān, which is khubz (bread) in Arabic, he writes lahmā and reads it nān, in this fashion and; and thus with anything they wish to write, except things having no need of this transformation, which they write as pronounced."

It also appears from this passage that the Persians in the eighth century used Pahlavî in the same manner as the Pârsîs do now. When they wrote a word in Huzvârash they read it in Pâzand; and when a word was written in Pâzand, its pronunciation corresponded with the writing.

Proceeding now to apply the Pahlavi of the Parsi books to the explanation of the Sassanian inscriptions, it is desirable to divide the inscriptions into three classes, the tri-lingual, the bi-lingual, and the mono-lingual; and it will be convenient to retain the numbers used by Mr. Thomas, although reason will be found for believing that the chronological order of the inscriptions is not quite in accordance with those numbers.

The inscriptions of the first class are tri-lingual, being in Greek and two dialects of Pahlavî, differing more widely in

M. Ganneau reads this word (b), but the third letter in his facsimile is most probably r, as it seems too long for r, which is generally a very short stroke, in old MSS.

the forms of their letters than in their language. There are three inscriptions of this class, Nos. I., Ia., and IV.; and by means of the Greek version their meaning has long been known; it is therefore only necessary to transcribe them, with their translations, for the purpose of pointing out how far the Pahlavî versons correspond with the Pahlavî of the books. In these and future transcripts it is to be observed that the unaccented vowel a is not expressed in the original, being supplied merely to facilitate pronunciation; in many cases the short unexpressed vowel may have been originally i or u instead of a; the syllable man indicates a compound final letter in the original, the sound of which will be hereafter considered; letters which are defective in the Pahlavî originals are italicised, and if in the Greek they are given in small letters; the beginnings of the lines of the original inscriptions are indicated by numbers; and the letters S. and C. indicate the Sassanian and Chaldæo-Pahlavî versions respectively.

Inscription No. 1.

- C. 1. Patkar zanmăn mazdayazn alhâ ârtahshatar 1. TOTTO TO *POZOTION MAZAAZNOT 2. SEOT APTAξαρου
- S. 1. Patkalî zanmăn mazdayasn bagî ârtahshatar The-image, this, of-the-Mazda-worshipping divine Artahshatar,
- C. 2. malkin malkâ âriân manû shihar man yâztan
 BAΣΙΛΕΩΣ ΒΑΣΙΛΕΩΝ 3. ΑΡΙΑΝΩΝ εκγΕνΟΥΣ ΘΕΩΝ
- S. 2. malkân malkâ âîrân manû chatarî 3. man yaztân king-of-the-kings of-the-Arians, of-spiritual origin from God;
- C. 3. bari âlh*d p*âpa*k* malkâ.

 TIOT 4. ΘΕΟΥ ΠΑΠΑΚΟΥ ΒΑΣΙΛΕΩΣ.
- S. barman bagî pâpakî malkâ. the-son of-divine Pâpak, the-king.

Inscription No. 1a.

- S. Patkali zanmăn âûharamasdi....
- C. Patkar zanmăn âhûramazd âlûhâ.

 τοντο το προχοπον Διοχ ΘΕΟΥ.

 The-image, this, of-Ahuramazda, God.

Inscription No. IV.

- S. 1. Patkali zanmän mazdayasn bagi shahpûhri
 1. ΤΟ ΠρΟΣΟΠΟΝ ΤΟΥΤΟ ΜΑΣΔΑΣΝΟΥ ΘΕΟΥ 2. ΣΑΠΩρΟΥ
 C. 1. Patkar zanmän mazdayazn âlhâ shahîpûhar
 The-image, this, of-the-Mazda-worshipping divine Shahpûhar,
- S. malkân 2. malkâ âîrân ânîrân manû chatarî W8 ΒΑΣΙΛΕΩν αριαΝΩΝ 3. KAI ANAPIANON EKYENOTZ BAZIAEQZ C. malkin malkâ 2. âriân ânâriân manû shihar wa king-of-the-kings of-the-Arians and the-non-Arians, of-spiritual origin
- S. man yaztân 3. barmăn mazdayasn bagî ârtahshatar ΘΕΩν υιου 4. ΜΑΣδαΣΝΟΥ ΘΕΟΥ ΑΡΤΑξΑΡΟΥ C. man yâztan barî mazdayazn 3. âlhâ ârtahshatar from God; the-son of-the-Mazda-worshipping divine Artahshatar,
- S. malkân malkâ 4. âîrân manû chatarî man yaztân βασιλεως 5. ΒΑΣΙΛΕΩΝ ΑΡΙΑΝΩΝ ΕΚΓΕΝΟυς θεων
 C. malkîn malkâ ârîân manû shîhar 4. man yâztan king-of-the-kings of-the-Arians, of-spiritual origin from God;
- S. napi bagi pâpaki 5. malkâ.
 6. EKFONOT GEOT HAHAKOT BAZIAcos.
- C. barî la-barî âlhâ pâpak malkâ. the-grandson of-divine Pâpak, the king.

All the words found in these three inscriptions may be found in the Parsi books except patkar=patkali, alha, malkin, shihar, bari, and alaha, which have not yet been recognized therein.

The Greek synonym rouro proves the identity of zanmän with the Pahlavî As danman, 'this,' which has hitherto been erroneously read goman by Pârsî tradition; the interchange of the initials d and z is common, as in the words damān and zamān, damīk and zamīk, damastān and zamastān.

The word barman is evidently the Pahlavî f, traditionally read boman, which has been improved into banman, but which it may now be safer to read barman. The letters in the inscriptions can be read either bûman or barman, but the former will not bear etymological investigation, whereas the Sassanian 2 r or m has often been changed into the Pahlavî

I w or n, when it ought to have been changed into the Pahlavi r, as in kant for kart, kanpak for karpak, kanitunad for karitunad, all words of frequent occurrence in the books; so that 161 may safely be read barman, if banman be not considered consistent with the inscriptions.

The words zanman and barman are both written with the compound final letter before alluded to, and which, it will be seen, corresponds in both these words with the Pahlavi compound of man. Mr. Thomas is, however, of opinion that this compound letter in the inscriptions is either a long i or a double i; but the only reasons he appears to give are: first, the resemblance of the Sassanian compound letter to the characters representing i in some other alphabets; second, the resemblance of the compound letter in the Chaldwo-Pahlavi to two letters i, of the same alphabet, joined together; third, the frequent occurrence of double i in transliterating Persian into a Chaldwan character, would probably lead to the adoption of a compound letter as its equivalent.

With regard to the first of these reasons, it may be observed that when two letters resemble each other in form, it is hazardous to assume that they also resemble each other in sound, whether they belong to the same alphabet or to different alphabets of the same family; thus, the letters H and P occur both in Latin and Greek, but with wholly different sounds; again, in Hebrew, the letters 7 and 7, 2 and 2, 2 and 5, closely resemble each other in form, but widely differ in sound; it is therefore not safe to assume that the Sassanian compound letter represents a long i, merely because it resembles in form the long i of the Phœnician and Zand alphabets. With regard to the second reason, it appears to me just as probable that the Chaldeo-Pahlavi compound letter was a union of m and n, as of i and i; thus, if the letters are run together, \longrightarrow resembles () as much as)) does. And with regard to the third reason, it may reasonably be objected that the language of these inscriptions is not Persian, but that three-fourths of the words are Semitic, including all those containing the compound letter; and it has not been shown that a double ! is more requisite in the Pahlavî of the inscriptions than in Chaldee, where it has not been adopted.

Besides Mr. Thomas's reasons for reading these compound letters as long t, there are two others to be considered before examining the evidence in favour of the syllable man. There is, first, the positive fact that barman, in the Sassanian version, always corresponds to bart in the Chaldeo-Pahlavi; which tends to show a close relationship between ! and the sound of the compound letter represented by man; further examples of a similar nature are evidently requisite to strengthen this argument, but at present only three such examples are available; turning to the Hâjîâbâd inscription, No.VI. (transcribed further on), it will be seen that yadman in the Sassanian version twice corresponds to yada in the Chaldseo-Pahlavi; this example therefore neutralizes the effect of the first one, as it tends to show that man = a; the next example is from the same inscription, where hûman in the Sassanian version corresponds twice to hawindî and once to hawint in the Chaldeo-Pahlavî; striking off the di and t, as probable suffixes, this example gives man = in, which is not altogether impossible, especially as there is the further example of lagalman twice corresponding to nagarîn; however these examples so far neutralize each other as to show that no reliance can be placed upon this argument, in favour of the long ! sound.

Secondly, there is the negative fact that the words man and manû are not written with the compound character, as might be expected, if its proper sound were man; to this it may be replied that there is good reason for supposing that these two words were sounded with the short vowel i, thus, min and minû, as they are now pronounced min and minû. It is highly probable that (after the manner of all old Semitic alphabets) the short vowels i and u were not expressed, while the long i and û were represented by the consonants y and w, which was certainly the case in many instances; there seems, therefore, no more reason to look for another form for i than for another form for û. Besides min and minû, in which the short vowel i may reasonably be understood, there is the Sassanian word chatari, which was probably pronounced

chitari, being derived from the Zand chithra, and corresponding to shihar in the Chaldeo-Pahlavî. The distinction between i and i was probably not very certain, any more than it is in many words in modern Persian.

The evidence that these compound letters represent the Pahlavi final \mathcal{L} (traditionally pronounced man), is overwhelming. In the inscriptions Nos. I. to X., as transcribed by Mr. Thomas, the Sassanian compound occurs 67 times and the Chaldæo compound 20 times; of these, 61 of the Sassanian and 12 of the Chaldæo-Pahlavi compounds occur in words that are well known from the Pahlavi books, and which are there written with the final \mathcal{L} ; the words are as follows:—

zanmăn	=	1412	occurs	15	times in S. and	6 tim	es in C.
barman	=	141	"	7	"	1	"
hûmăn	=	1674	"	12	"	1	"
mamän	=	1-6-6	"	5	,,	2	**
tammăn	=	1660	"	1	,,	1	,,
napshmăn	=)	6-4001	,,	2	"	1	,,
napsmän	=	id.	,,	1			
banapshm ăr	n=1-	6-2011	,,	1			
walman	=	1671	,,	7			
yadmăn	=	160	"	2			
lagalmăn	=	16/21	,,	2			
lanmăn	=	1613	,,	4			
gadmän	=	160	,,	2			

Of these, the word barman in Chaldeo-Pahlavî is a mistake; Mr. Thomas having written, through oversight, barman, 'son,' for bart-la-bart, 'son's son,' in inscription No IV.; the Chaldeo-Pahlavî hûman, in inscription No. III. xxx. 4, is also a doubtful reading.

Of the remaining fourteen words, with the compound final letters, six are readily recognised as common Semitic words with the compound affixed, and some of the remainder are probably errors of the copyist.

In the Pahlavi-Pazand Glossary, before mentioned, there are 53 words having the termination \mathcal{L} added to a common Semitic word; they are names of most parts of the body, of some of the degrees of relationship, of some animals and a few other nouns in common use, with some pronouns, prepositions, and adverbs, and the substantive verb 'to be.' These are precisely the words most likely to be indigenous in a language, and the additional words, found in the inscriptions with this final, appear to be of the same class. The termination \mathcal{L} is therefore probably a very old one.

It can scarcely be now disputed, that the Pahlavî compound is the modern representative of the compound letters in the inscriptions which are under consideration; but the proper pronunciation of 16 is still an open question; in any other position, it could only be pronounced man, or mû, or possibly mar (allowing for the occasional interchange of w and r); but there is still the bare possibility that it may be a distinct letter, having no connection with $\mathcal{L} + (m + n)$, but the direct descendant of the compound letter of the Sassanian inscriptions, which has gradually approximated to the form of 14, until it has become identically the same; in this case, its correct pronunciation appears to be quite indeterminate, except from etymology, which fails, as yet, to give any satisfactory solution. It will be shown hereafter that the Pahlavî handwriting of the ninth century scarcely differed from that of the present day (as might indeed have been guessed from the two Pahlavi words given by Ibn Muqaffa), and the particle & was then written precisely with the same form as at present, in the word fife hûmanam, 'I am.

They are called *final* merely for the sake of convenience, as in all words containing them, that have yet been identified, they are found to be final; *Aûmănam is no real exception to this rule, as its termination is merely a suffix added to the original word *Aûmăn. But exceptions may hereafter be discovered.

On the whole, it appears necessary to adhere to the traditional pronunciation of the particle & man, until some other can be satisfactorily shown to be correct.

Returning to the tri-lingual inscriptions, it may be observed that the words manû chatarî or manû shihar might also be translated 'heavenly-faced,' if it were not for the corresponding Greek expense; they still survive in the common Parsi name Mancharjî, usually written Muncherjee. With regard to the other words in these inscriptions, I need add nothing to what is stated in the vocabulary at the end of this paper.

The only bi-lingual inscriptions are those from Hâjîâbâd and Pâi Kûlî, Nos. VI. and III.; in these, the two versions of the ancient Pahlavî might be expected to assist each other in explaining their meaning, as Oriental translations are usually very literal, and this is found to be the case in No. VI.; but the detached fragments of No. III. have no point of contact (unless it be between xxix. 3, and x. 5, or xxii. 6), they can therefore be treated only as fragments of two separate inscriptions.

The bi-lingual inscription No. VI. has long been a stumbling-block to Pahlavî scholars; with the exception of two or three words, the first four lines are verbatim the same as inscription No. IV., being a recital of the name, titles, and genealogy of the king; and so far, the meaning was perfectly clear fifteen years ago; but in the fifth line some narrative begins, and here the interpreters at once fall into difficulties. Mr. Thomas has made a bold attempt to solve these difficulties, and has offered a translation, remarkable for its unexpected meaning, for the absence of verbs, and for the number of different Pahlavî words expressed by the one English word, 'Lord.' But although it is easy to see that this translation is not satisfactory, it is not so easy to offer another interpretation, which shall be at the same time complete, and also give a correct explanation of every word; as in order to complete the translation it may be requisite to make a few hazardous guesses, after exhausting all the certainties available.

In the first place, it is necessary to settle the text of the

inscription, in doing which Mr. Thomas's photograph has been of great assistance, although he appears to have somewhat neglected it himself. In the following transcript (as in the others) the letters S. and C. indicate the Sassanian and Chaldæo-Pahlavî versions respectively, the numbers indicate the beginnings of the lines, and imperfect or doubtful letters are italicized.

Hâjîâbâd Inscription, No. VI.

- C. 1. Karazâwd, zanmăn li, mazdayazn âlhâ Shahipûhar, 2. malkin S. 1. Tagalâhî, zanmăn li, mazdayasn bagî Shahpûhri, malkân malkâ Âriân wa Ânâriân, manû shihar man 3. yâztan; S. 2. malkâ Âirân wa Ânirân, manû chatari man mazdayazn âlhâ Ârtahshatar, malkin malkâ 4. Âriân, C. bari S. 3. barman mazdayasn bagi Artahshatar, malkan malka manû shîhar man yâztan; pûhrî-pûhar bag Pâpak 5. malkâ; C. S. 4. manû chatarî man yaztân; napî bagi Pâpaki âmat lan zanmăn hararyâ shadît; C. qadmatman wa zanmăn hatyâ shaditan; S. âpan 5. âmat âdinan lûini C. hashatardarin, 6. barbitan, rabân, wa âyâtan shadît; shataldalân, 6. wa barbîtân, wa yahalkân, wa âyâtan shadîtan; S. patan C. wîm 7. haqâîmût, zaknagarin âpan lagalmăn pawan 7. zanmăn dîkî S. hanahtûn, âpan hararyâ la-had lahû shîtî la-barâ ramit, bish 8. tammăn C. la-chad wa zak chitâk 8. la-balâ lamitan, balâ S. C. la-hawind ânû hararyâ napalt, âtarmăn wayâk âîk hatyâ lamîtan, 9. tammăn wayâk zak ârgûn S. âîk 9. âk shîtî banit hawindi, kal la-barâ C. lâ yahût, hat chitâk 10. chitî hûmăn, âdîn bilûnî 8. lâ yahwûn, Aîk âdin lan âûpadasht, 10. hawindi, shadadrâ âkasî yahût C. yahwûn hûmăn, 11. âhar lanmăn parmât, S. patyâk manû shîtî panmăn satar 11. banît, âût manû yadâ C. manû chitâkî âûlandalî 12. chitî, manû yadmăn katab 8. hawint, nagarin patan 12. zanman wim hip haqaimud, hûmăn, zak lagalmăn pawan 13. zanmăn dîkî âir hanahtûn, 8. C. wa hararya kal hûb 13. shiti hip shadiû, wal zak 14. chitâki âir shaditan, âhar manû wa hatyâ S.
- ¹ The photograph was executed after Mr. Thomas's transcript and translation had been completed, and was introduced solely with a view to enable others to test and revise the readings he had derived from the plaster-casts of the original.—En.

- C. hararya kal hûb shiti 14. yâmazûd, la-hûp yadâ
- S. 15. hatyâ wal zak chitâk lamitan, 16. walman yadman
- C. kadab hawint.
- S. katab.

It will be seen from this transcript, that the correspondence between the two versions is very close, except in the eighth line of the Chaldæo-Pahlavi; and as before stated, the text of the first four lines is identical with the whole of inscription No. IV., except the first and third words in the first line, and the substitution, in the fourth line, of puhri-puharbag for the synonymous words bari-la-bari alhā.

With regard to the remainder of the inscription, the meanings of shataldalan and barbitan, have long been known to be satraps' and 'chieftains;' and Dr. Haug has also published his identifications of the following words, with the Pahlavi of the books:

of the books:

$$l = 1$$
.

 $l = 1$.

ramit = lamitan = 19656 to throw. yadman = 166 hand. walman = 166 he, him, it. wal = 1 to, into.

Of these, he would now correct âpan, which must be just also we' (Chald. אַבָּי), analogous to בּוֹט, השנה, but with the Semitic suffix, in place of the Iranian. The meaning of shadit is also better taken from the Chaldee root אַדָּי 'to

throw, cast.' The following words are likewise found in the book Pahlavi:

wa = 1 and. hat = 0 if. $l\hat{u}int = 1121$ before. $bil\hat{u}nt = 1122$ outside.

diki=عودة hollow(probably) manû = مودة spiritual, invisible.

hatya = wow arrow. Akasi = upu knowing, intel-

bara = bala = y without. ligent.

napalt = 1) of to fall. $h\hat{u}b = h\hat{u}p = gh\hat{u}$? that, him, it.

The amount of correspondence between the Pahlavi of the books, and that of these inscriptions, can now be estimated. In the hitherto unintelligible part of the inscriptions, twenty-three words out of eighty-seven in the Chaldæo version, and sixty-five words out of eighty-eight in the Sassanian version, have been identified as occurring in the Pahlavi books; and these identifications include nearly all the words which would be considered as characteristic of the language of the inscriptions. The identity, therefore, of the Huzvârash of the Pahlavi books, with the language used officially by the Sassanian kings, may now be considered to be established.

The next step in the interpretation of these inscriptions, is to fix the meanings of such of the remaining words, as present no difficulty, or cause for doubt; these are as follows:

lan, 'us;" in C. 10, corresponds to lanman in S. 11; Chald. ?.

ddin, 'then;' Chald. '' ; corresponds in C. 10 to dhar in S. 11; the dot under the d in C. 10 is very clear in the photograph, and forbids it being read k, as Mr. Thomas wishes it should be.

raban, 'lords, nobles;' Chald. 37; the sing. 'great, eminent,' occurs in the Pahl.-Paz. Gloss.

âyâtan, 'mighty ones, warriors;' Heb. אַיֹרָלָן. nagarîn, 'feet;' corresponds to lagalman.

patan, 'in;' corresponds to pawan. Dr. Haug prefers reading this word as pawin, considering it merely as a variant of pawan. Compare, however, Heb. 資氣.

wim, 'pit;' Zand waém.

la, 'to, for, at, of;' Chald. >.

 $h\hat{u}$, 'him, it, that;' corresponds to zak; Chald. A. In the photograph there is some appearance of b being interlined above the end of this word; if this be added to the word, it becomes $h\hat{u}b$, the same as its synonym below.

ânû, 'that, thus;' corresponds to aik; perhaps Chald. A. hawind, hawind, hawint = hawin + suffixes, 'is;' corresponds to hûman in S. 10, 12.

åtarman, 'a place;' Chald. אָתָל.

yahût, 'is, are;' corresponds to yahwûn; Chald. aor. of

âûpadasht, 'ordered;' corresponds to parmât; Mr. Thomas proposes the Sanskrit उपदेष्ट.

kal, 'to, into;' corresponds to wal.

 $h\hat{u}b$, 'him, it, that;' corresponds to zak, and has been already doubtfully identified with the Pahlavî $gh\hat{u}$. Prof. Westergaard's copy, which is generally very correct, reads hat, in both occurrences of this word, C. 12, 13; M. Flandin's copy, which is much less trustworthy, reads $h\hat{u}$ in C. 12, and $hat\hat{i}$ in C. 13; Mr. Thomas reads $h\hat{u}$ in both places; the photograph plainly shows, that the final stroke of Prof. Westergaard's t, in C. 13, is a defect in the rock surface, and that the letter is \hat{u} followed by a tolerably distinct b: and in C. 12, the \hat{u} is quite plain, while a faint trace of the b is visible in an unmounted copy of the photograph (with which I have been favoured by Mr. Thomas), but has generally been cut off in the mounted copies.

 $h\hat{u}p$, 'him, it, that;' corresponds to walman. A variant of $h\hat{u}b$, which tends to confirm the existence of the final b.

ak, 'if;' corresponds to hat; Chald. 78.

banit, 'built;' Chald. בְּנָה.

chiti, 'built;' corresponds to banit; Sanskrit [4.

shadiû, 'threw, cast; Chald. Riv; corresponds to shaditan, a different form of the same verb.

yâmazûd, 'bring, cause to arrive;' Chald. *\\$\tilde{\mathbb{Z}}; corresponds to lamîtan.

The ascertained meanings have now been extended to 65 words out of 87 in the Chaldseo version, and to 73 out of 88 in the Sassanian version. The meanings of the remaining words, are either less obvious, or the readings are uncertain, or open to dispute.

karazāwā and tagalāhī must be synonymous; the reading of the first is rather uncertain, especially the final letter; Mr. Thomas reads it patkalīn, but is contradicted by his photograph, in which a medial ā is very plain; his reading of patgalāhī, in the Sassanian version, is a less hazardous guess, but the word has no appearance of being a plural. These words are probably abstract nouns, derived from Semitic roots, similar to the Chaldee ' ' to proclaim, promulgate,' and Ria 'to uncover, reveal;' and may be translated as 'proclamation, publication, or edict.'

hararya corresponds to hatya, and must therefore have the meaning of 'arrow, javelin;' it has not, however, been clearly traced to any Semitic root, and its orthography is uncertain, as either r may be read k. Dr. Haug thinks it may be simply a variant of hatya, and to be read haddya; singularly enough, Mr. Thomas adopts the same reading, but attributes a very different meaning to the word, of which he seems to consider hatya the variant; this reading is, however, not borne out by the photograph, which shows the medial letters perfectly clear, in four occurrences of the word, without the vestige of a dot under either r, which would change it to a d, and it is only in the first occurrence of the word, where the letters are not very clear, that there is a faint and uncertain trace of one dot; the engraver might possibly omit the dot in one, or two, instances, as he appears to have done under the final letter of hawind in C. 8, but he would scarcely repeat the blunder eight times, and always in the same word; there seems also to be no satisfactory reason for the d being doubled. It appears, therefore, unsafe to alter the reading of hararya, except by the substitution of k for either r.

qadmatman is readily identified with the Chaldee Yol. IV.—[NEW SERIES.] . 25

'before,' and corresponds to lûini. Mr. Thomas would read it to correspond with خدمتی, but the initial letter, which occurs only in this word and haqāimūt, appears in both cases, to correspond better with منافعة المنافعة المناف

yahalkan is a doubtful reading, the rock-surface being defective; but as it corresponds to raban, its meaning must be 'lords, nobles.'

haqûimût, with its variant haqûimûd, must be related to the Hebrew bip 'to stand,' hiphil bip' 'to erect, establish, set, cause to stand;' as already determined by Mr. Thomas, although he reads the second letter as I, instead of p. It corresponds to hanahtûn.

had, with its corresponding chad, may be the equivalent of the Arabic 'boundary, limit,' or of the Chaldee 'side.' M. Flandin reads had in both versions, but his copy is less trustworthy than that of Prof. Westergaard, who reads chad in the Sassanian version.

chitak, chitaki, with its corresponding shiti, is one of the leading words in the inscription, and appears to be Arian. Mr. Thomas derives it from the Zand khshaēta, 'king;' but this meaning is not reconcileable with the context. It is evidently the name of something, at which a hatyâ, or javelin, could be thrown, see S. 7, 8, 13, 14, 15; it is also something that can be built, or formed, see C. 9, 10, 11; which latter fact is also shown, by the correspondence of the analogous word chiti, to banit. The Sanskrit fafa 'a dwelling,' and 'monument, heap of stones' (the Pâlî chaitya of the Buddhists) present themselves as possible meanings, especially the latter, as chîti could be derived from the same root fa 'to collect in a heap.' But it will be safest to retain the original word chîtâk without translation, till further light can be thrown upon its meaning.

bish, wayak, and argûn can only be guessed at, as the two versions differ in this passage, the general sense of which, however is tolerably clear.

shadadrâ is also very uncertain; one guess might connect it with the Chaldee ישָׁרֵר 'to send;' another might derive it from the Zand khshathrô, 'kingdom, rule.'

panman may be connected with the Hebrew 'בְּבְּ' before, inside.' satar may, perhaps, be traced to the Hebrew מְבָּר 'an enclosure, hiding-place.'

dulandali appears to correspond to the last two words taken together; it may probably be divisible into two words, the former of which may perhaps have some connection with the Hebrew root אין 'to surround, enclose.'

pears to have suggested the whole theory of his translation; the last letter is damaged and obscure, but is very probably a t, resembling in form the final letter of haqatmut, in C. 7. This word, from its position, can scarcely be either a noun, or a verb, but most probably a pronoun, or conjunction. One guess would connect it with the Chaldee Tiy 'again, further;' another guess would identify it with the Zand awad, 'that, such;' in which case it would be better written awat. The Zand word awantem does actually occur in the Pahlavi books, under the form any way.

kadab = katab has been rather difficult to read, although occurring twice; in the Sassanian version it is written with one unknown compound letter prefixed to the b; this compound letter resembles y, or t, written above k, or n, but may be considered quite indeterminate. In the Chaldeo version, the final b is clear in both occurrences of the word, and is evidently preceded by two other letters, neither of which is very legible in the photograph, though in C. 11 the second looks like a k, and as Prof. Westergaard reads r for the first letter, the word was first read as rakab, which seemed inconsistent with the context; on further examination of the photograph, a dot was discovered under the second letter of the word in C. 11, showing that it is a d, similar to that in havindi in C. 9; and the first letter may be taken as a k, similar to that in kal in C. 12; these letters give the reading kadab, a variant of katab, which is identical with the Chaldee 'to engrave, write,' and is consistent with the context. The unknown letter in the Sassanian version may probably be a compound of k and t.

4tr, corresponding to htp, occurs also in other inscriptions,

and appears always to precede a verb; it is, therefore, probably an adverb, and Dr. Haug understands it as a prohibitive negative. Perhaps it should be read âyû, or âiv, approximating to the corresponding hip, and may be connected with the Chaldee 'N.

All the words, in both versions of the inscription, having now been considered, it is necessary to offer a connected translation of the whole, as literal as may be compatible with its being intelligible, and with all the doubtful words italicized. Such a translation, with the two versions in parallel columns, is here given.

Translation of the Hâjîâbâd Inscription.

CHALDEO-PAHLAVÎ VERSION.

A proclamation, this, of me, the Mazda-worshipping, divine Shahipûhar, king of the kings of the Arians and non-Arians, of spiritual origin from God; son of the Mazda-worshipping, divine Artahshatar, king of the kings of the Arians, of spiritual origin from God; son's son of divine Pâpak, the king. when by us this javelin was cast, before the satraps, the chieftains, the nobles and the warriors it was cast; the feet in that cave were set, and the javelin to the side of that chitak outwards was thrown; within there that the javelin fell, for its existence a place was not; so if a chitak be built, to the outer world it has become known. Then we ordered: "a spiritual chîtâk inside an enclosure is built, again a spiritual hand has written, 'the feet in this cave never set, and a javelin at that chitak never cast, the spiritual javelin to that chitak is brought;' of that the hand has written."

Sassanian Pahlavî Version.

A declaration, this, of me, the Mazda-worshipping, divine Shahpûhri, king of the kings of Irân and non-Irân, of spiritual origin from God; son of the Mazda-worshipping, divine Artahshatar, king of the kings of Irân, of spiritual origin from God; grandson of divine Papaki, the king. Also we, when this javelin we cast, then we before the satraps, and the chieftains, and the nobles, and the warriors we cast; also we a foot in this cave placed, and also we the javelin to the side of, and that chitak beyond, threw; without that place that the javelin we threw, there the place of that weapon was not; so if a chitak be built, then abroad it has become known. Afterwards we ordered: "a spiritual chitak enclosed by me is built, a spiritual hand has written, 'that foot in this cave never place, and a javelin at that chitak never cast, after the spiritual javelin at that chitak is thrown;' that the hand wrote."

The above translation has purposely been kept as close to the original idiom as was possible, without rendering it unintelligible; but it would be easy to render it into idiomatical English, without many alterations, except in the positions of the words. The inscription appears to record, that the king, in the presence of his chief officers, threw a javelin outwards from the mouth of the cave, when the javelin disappeared, and the king choosing to consider that it had miraculously become invisible (manû = 1124), ordered a chitâk to be constructed, to commemorate the event; and he also stated that an invisible hand had written an order, that no one thenceforth was to enter the cave, or to throw javelins there. No bow being mentioned, the weapon was more probably a javelin than an arrow; but the verbs can be used for 'shooting,' as well as for 'throwing.'

If any one, unacquainted with the subject, should compare this translation with that proposed by Mr. Thomas, he will naturally infer, from their total dissimilarity, that no confidence can be placed in either, and his faith in the decipherment of other ancient inscriptions may be severely shaken. It therefore seems necessary to point out, that in arriving at this translation, the progress has been steadily from the known to the unknown; the meanings of at least half the words are absolutely certain, and very few are absolutely doubtful, and these are scrupulously indicated; any reasonable alterations of these, and perhaps of most of the words not absolutely certain, would probably not much alter the general tenor of the

translation, so long as they did not make it unintelligible; but there is room for improvement in the details, which are here only imperfectly worked out.

With regard to the construction of the sentences, it will be observed that the verb comes last, following both its subject and object; but this was a characteristic of the Assyrian, so far as it is known from the cuneiform inscriptions, as well as of the Persian; so that no conclusion as to the relationship of the language can be safely drawn from this fact.

The verbal inflections seem scarcely reducible to any sys-In the Sassanian version the terminations of shaditan, lamitan, hanahtún and yahwún appear to be all Semitic, though perhaps not always of the same person as the nominative; parmat and chiti, being Arian words, have Arian terminations. In the Chaldeo-Pahlavi version, the terminations of shadit, ramit, napalt, and banit may possibly be Semitic (as that of shadiû certainly is), but it is also possible that we have here early instances of the anomalous practice of writing an Iranian termination to a Semitic verb, which we have seen is now constantly done in the Pahlavî books; such must certainly be the case in the verbs hagaimut =haqâimûd, yâmazûd, yahût, and hawint=hawind=hawindi; while in âûpadasht we have a verb purely Arian. On the whole, and pending further inquiry, it appears probable that the verbs had not only almost lost their Semitic powers of inflection, generally retaining only one form; but that they were also beginning to be written with Arian terminations, of which, however, we find only that of the third person, or past participle, in this inscription; the final t=d being the of the Pahlavi books; for there seems little doubt that the frequent final & of the Sassanian inscriptions is often the representative of the equally frequent final) û of the Pahlavî books, which Mr. Thomas considers a "superfluous nûn."

Proceeding next to the other bi-lingual inscription No. III. it will be sufficient to point out a few identifications that may have escaped Mr. Thomas, among these detached fragments, as follows:

shatari, i. 3 and elsewhere, appears to be the Pahlavi 1160-100 shatûn, 'a town,' which ought to be read shatrû.

shapil, i. 5, must be the common Pahlavi word 3septer, 'good.'

st that (is) of Aharman and the devils,' indicates that religion is one subject-matter of this inscription.

wahdûn, iii. 5, is possibly the Semitic portion of the Pahlavi verb אופטן ' to do.'

walman, iii. 5 and xiv. 5=143) 'that, him, it,' as in No. VI. wal, vi. 5 and elsewhere =3) 'to.'

laba, ix. 3 and elsewhere great, noble.

lanman ix. 4, x. 2. and xi. 2=14) 'we, us.'

napshmän, xiv. 3, and xxvi. 2=16-1991 'self.'

gadman, xv. 2, and xxii. 4 = 160 'splendour, lustre.' This is the probable reading of the word: see Mr. Thomas's note 2, p. 285 of vol. iii.

banapshmän, xv. 5=14-vely 'own.'

hachman, xvii. 2, is one of the few words ending in man which have not been traced to the Pahlavî of the books; perhaps the reading might be altered.

là yahwûn, xviii. 2 = 11000 'are not;' follows yalkûn, which appears to be a verb.

hûmān, xxii. 1, and xxx. 4 = 160 'was.'

labâ wa âyât, xxiii. 4, may be compared with rabân wa âyâtan in the Hâjîâbâd inscription, C. 6.

shamaman, xxiv. 6, and xxix. 4, is an additional instance of

a common Semitic word, with the disputed termination man, which has been dropped in the Pahlavi books, where the word appears in the form $\mathcal{L}_{\mathcal{A}}$ 'name.'

yahût, xxv. 5, is the Chaldæo correspondent to yahwûn = 'are,' in No. VI.; but the context here is doubtful.

haqâimû, xxvi. 3, 'made to stand;' see No. VI., C. 7, 12; the correct reading of this line may be haqâimûd, âb hashatardarin; and this 'father of the satraps,' may have been the prime minister.

maman, xxvii. 2, and xxix. 4, =) ff 'which, who.'

hawindi may perhaps be read in xxvii. 5, as in No. VI. C. 9, 10.

karman, xxx. 7 and xxxi. 6, is another unidentified word ending in man; unless it can be read barman.

With regard to the date of this inscription, it may be observed that the use of l for r in $lab\hat{a}$, compared with $rab\hat{a}n$ in No. VI. C. 6, and of d for t in $yazd\hat{a}n$, are slight indications of a later date; the title $malk\hat{a}n$ $malk\hat{a}$ occurring twice, and the names of $Shahip\hat{u}har$ and $\hat{A}\hat{u}haramazdi$ likewise occurring (the latter possibly followed by $Shahip\hat{u}har$, with some affix meaning 'son of'), also tend towards fixing a rather later date than that of No. VI; but at the same time, it must be observed, that these data are all rather uncertain.

The remaining inscriptions occur only in the Sassanian character; they are Nos. II., V. and VII. to XII.; of these, No. V. is very imperfect, although it has been by far the longest of all. It appears from M. Flandin's copy, that only the latter part of each line is now legible, and even that is very imperfect towards the lower part of the inscription; the letters that he gives, cover barely one-half of the space he shows in his copy, and this again is less than one-half of the whole space, apparently prepared for the inscription, on the bas-relief. Having therefore less than one-fourth of the letters, and a great part of these only in a very incoherent state, little more can be done than to identify a few words which may have escaped Mr. Thomas; fortunately, spaces occur between most of the words, which render this

inscription easier to read than No. II., so far as the letters extend.

With regard to the date of inscription No. V., it may be observed, that the title of the sovereign, malkân malkâ, occurs six times; thrice in connection with the name Shahpûhri, in lines 1, 2, 6; with the name Âûharamazdi, in line 9; with a lost name in line 15; and probably in line 40, with the name Walahlân, which likewise occurs in line 33, without a legible title, but preceded by the epithet bûht lûbân = years 'liberated soul,' applied only to deceased persons. There is, therefore, reason to suppose that this inscription dates from some short time after the death of Varahrán I.

wal samât wa hû-kâmakt, l. 1 may possibly be was 'to heaven and good desire.'

hawitan, l. 1, 2, appears to be a more regular Semitic form than 'to be,' which latter is not found in this inscription; compare hawint, No. VI. C. 11.

kalti, 1. 2 and elsewhere, = 103=1014 'made, done.'

wal shatari girâk wal girâk kabir kaltakân zi yazdân âpzâlihi (or apdadihi), appears to be a sentence frequently repeated, comparing l. 4, 11, 17, and 31, and part of it occurs in l. 13; it may doubtfully be read, 'to the city of the captive, to the great captive of the deeds that (are) of the God of liberality.' Mr. Thomas connects wal with the Arabic article , but the initial w or \hat{u} is usually the representative of y, and the word is therefore to be traced to the Chaldee טָל; but in Pahlavî it does not mean 'on, over,' as in most Semitic languages, but it is confined to the meanings 'to, for,' and suchlike, which are rare meanings for אָל, and are commonly represented by the Chaldee or or Kaltakan must be the plural of the common Pahlavi word 3003 = 3003 'an action;' the relative st, Chaldee , is here seen approximating in use to the Persian idhafat, of which it was possibly the origin; none of the final t's in these inscriptions appear to represent the idhafat, as they seem to be inseparable finals, and without reference to the

position of the words. Apralihi is one of a class of abstract nouns ending in ihi, which is not uncommon in these inscriptions; in the book-Pahlavi there is a similar class of words ending in y-v or yy-v, traditionally pronounced eshn; now if the Sassanian ihi be written in the Pahlavi character it becomes y-v, as the Sassanian final i is generally represented by the Pahlavi final û; there is therefore some reason to suppose that the final y-v of abstract verbal nouns, so common in the book-Pahlavi, ought to be pronounced thû; but until some particular Pahlavi noun of this class can be identified in the inscriptions, it will be hazardous to adopt this alteration of the traditional pronunciation.

hatimûn, l. 5, hatimûnd, l. 18, hatimûnt, l. 32, correspond to the Pahlavî verb 1969 to fill, pour, according to the Pahl.-Pâz. Gloss.

maman=)-GG'who, which,' and walman=)-G) 'that, he, him, it,' l. 7, are the only words ending with the final man which are to be found in this inscription.

napashti yakwimûnt âik, l. 8 = 2m pij 63193 je was written thus.'

âtharpat, l. 8 = مدلوم 'a priest, a herbad;' from the Zand aêthra-paiti.

âpam, l. 9 = **Ly** 'also I.'

hamgûnakî, l. 10, 15, 16 = 5116 'the same kind.'

wazlûnt, l. 14, corresponds to the Pahlavî verb 11615, 'to become, go.'

manûân, l. 14, appears to be the plural of not 'spirit.' yahmatûn probably occurs in l. 28, and may perhaps correspond with the Pahlavî note 'to arrive.'

magûpat, 1. 33 = post, a priest, a mobed.'

With regard to the verbs in this inscription; the introduction of the Iranian terminations into the writing appears to have advanced a step further than in inscription No. VI.; there the terminations t, d, added to Semitic verbs, were

confined to the Chaldeo-Pahlavi; here they appear in the Sassanian Pahlavi, although not added to every verb. The termination m, of the 1st person singular, also occurs once, added to the conjunction ap, in the word apam.

Inscription No. II. will probably be found to be the most important of the Sassanian inscriptions, when an intelligible copy of it is obtained, as it evidently treats of religious matters, and appears to be fairly legible on the original rock, and complete, except two or three words, which can be readily guessed, when the context is understood. M. Flandin's copyist appears here, as elsewhere, to have trusted to his eyes alone, with the usual result of confounding similar letters, especially in the upper part of the inscription, which was probably farther from his eyes than the lower part. No satisfactory copy of a rock-inscription can be obtained, unless the fingers are frequently used to confirm the evidence of the eyes; the former are rarely deceived in ascertaining the shape of a letter, but the latter often are.

Some of the words that can be determined with tolerable certainty, in inscription No. II., are as follows:

kartir, l. 1 and elsewhere, may perhaps mean 'crown,' as Mr. Thomas suggests; but of the remainder of the first line, only the next word bagi, and man yazdan at the end, can be satisfactorily made out; although the latter may possibly be preceded by manû chatari. The space between bagi and manû chaturi is usually occupied by the name of the king and his other titles; but in this case the intermediate letters fail to give the name of any known king, and the title malkan malkû cannot be read among them by any ordinary process.

wazlûni, l. 2, corresponds to the Pahlavî verb 190935, 'to become, go.'

yazdán, l. 3 and elsewhere; the orthography of this word in inscriptions II., III., and V., is another indication of a later date than that of inscriptions I., IV., and VI., in which it is spelt yaztán; all the later inscriptions, VII. to XII., have yazdán.

maman, hûman and yahwûn occur in line 6, and sanman in line 10.

yahwûn hûmānam, wa pawan napshmān, l. 11, = 11, wo shwûn hûmānam, wa madam sanmān, l. 11, 12, = 4341 414 415, = 4341 414 wa dett, l. 14, 15, = 1000 1 100 1 1000 1

maman = 166 'who, which,' occurs again in lines 16 and 17.

âik wahishti âiti wa dûsahwi âiti, l. 17, 18, = מנטים aigh אונה שנים וויטים ' thus, a heaven (there) is, and a hell (there) is.'

manû bachak li zak wal dûshahwî lamîtan, wa manû kalp kalt hûmăn, wa madam kalp kart bar sazîtant walmăn la-zanmăn]

1 19, 20, = 1126, 11626 well 1, 35) go 1136

163-la 161, 611625x) 613 ell for 1, 160 ell threw, and the spirit karfa has done; and on karfa (being) done, the fruit went forth, him to this.'

yahmatûnt âpash walmăn âstûndî, l. 21, = 400 611640 1611621, arrived, also he saw him.'

wa napashti áik maman li, l. 22, 23, =) , ff aigh power j 'and wrote thus, who to me.'

man shataldaran, 1.23, 'from the satraps.'

åpam dabir napsmän sam, l. 24, = جن المرب المرب

The latter part of the inscription may perhaps be read continuously, but with some reservation, as follows, italicising merely the doubtful readings:

The uncertain words in this text, although few in number, are important to the sense; it is therefore only with much diffidence that a translation can be offered as follows:

The word here taken as Rûm can also be read sham, 'a name;' the suggested translations of Shahpûharkan and Walah-lânah are no doubt very hazardous guesses, especially as they seem to be at variance with history, but the correspondence of the final ah with the Chaldee 'N' brother,' is tempting; it is more probably, however, the suffix of the 3rd pers. sing. mas., and kan may perhaps be traced to the Hebrew 'D' base, foundation,' or the Syriac 'stem;' these affixes are evi-

dently the forerunners of the Pahlavi affix " an, as in pages Pâpakân and Artahshirân, and Shah-pûharân, which affix might be read hâ.

The date of the inscription appears, pretty clearly, to have been after the death of Varahrân I. and the coronation of Varahrân II.; it therefore seems to have been inscribed about the same time as No. V., or perhaps a little later. The Irânian suffixes of the 1st and 3rd persons singular are freely used, as in åpam, åpash, hûmånam, wazlûnt, etc., and the language generally approximates very closely to that of the Pahlavî books; in some places, however, the Huzvârash verb is still found without the Irânian suffix.

With regard to the remaining inscriptions; Nos. VII. to X. contain merely the names, titles, and genealogy of later kings, and have been sufficiently detailed by Mr. Thomas; Nos. XI. and XII., which also bring the Sassanian regal record down to Shahpûhar III., evidently contain a good deal of matter in addition to the titles, but the lithograph in Sir W. Ouseley's Travels is too vague to admit of many words being read; the original copy might perhaps be rather more legible, but it is very desirable that paper casts and new copies should be obtained from the original inscriptions, which appear to be nearly perfect and very legible. Several Pahlavî words, besides the names and titles, can be discovered in these two inscriptions; amongst them are hûmānam and āpam in 1. 2, 3 of No. XI.

The result of this examination of the Sassanian inscriptions has been to prove that the Sassanian Pahlavî of the last quarter of the third century of the Christian era was nearly identical with the Pahlavî of the writings still preserved by the Pârsîs, except in the forms of several of the letters. It also appears that the Chaldæo-Pahlavî was merely a slightly different dialect of the same language, written in a different character. The written language, although three-fourths Semitic, had nearly abandoned the Semitic verbal inflections, and was beginning to adopt the Irânian terminations as early as the middle of the third century; and this alteration appears to have proceeded, till it produced the written language

of the Pahlavî books, towards the close of the same century. The books have continued to be written in the same language, but read in Pâzand, to the present day; which mode of reading has occasioned frequent substitutions of the spoken Pâzand word for its Huzvârash equivalent in the MSS.

The latest of the Sassanian inscriptions may date from near the end of the fourth century of the Christian era, while the oldest Pahlavî MSS. in Europe (those of the Vandîdâd, No. 1, at Copenhagen, and No. 4, in E. I. Lib. London) were written A.D. 1323; this interval of about 935 years is bridged over, in the first place, by the Pahlavî legends on coins and gems, which have been so ably discussed by Mr. Thomas some years ago; and in the second place, by a few inscriptions in the cursive character, which may be briefly noticed, as lessening the interval between the extant records in the Sassanian and cursive character.

Sir W. Ouseley mentions two or three short inscriptions in the cursive Pahlavi character, and gives a copy of one line of one of them; M. Flandin also gives a copy of a similar short inscription; but although many recent Pahlavi letters can be read in these copies, they are not sufficiently intelligible for a connected reading. The dates of these inscriptions are quite uncertain, and the writing has the peculiarity of being in vertical, instead of horizontal lines.

In 1866 I furnished the Bombay Branch of the Royal Asiatic Society with a copy of two legible Pahlavî inscriptions found in the Kanherî caves, in the island of Salsette, near Bombay, and which are also written in vertical lines; these inscriptions, together with two others, discovered by Dr. Bhâû Dûjî at the same place, attracted the attention of some Pârsî Pahlavî scholars, who published explanations of the inscriptions in the Zartoshtî Abhîâs, Nos. 2, 3, and 4. Two of these inscriptions were noticed by Anquetil du Perron, when he visited the Kanherî caves in 1760, but although acquainted with the Pahlavî character, he supposed they were Mongolian, on account of the lines being vertical. They are all dated, and record the names of Pârsîs, who visited the caves between the years

356 and 390 of Yazdagard, or about the end of the tenth century of the Christian era. The earliest date in these inscriptions, which I read 364, corresponds to A.D. 995; and the writing is therefore 328 years older than the oldest Pahlavi MS. extant in Europe, but there is no sensible difference in the forms of the letters, except in the compound \mathcal{L}_{ν} , which has the upper letter set close down upon the lower one. By means of these inscriptions, the mediæval interval, between the Sassanian Pahlavi records and the extant specimens of the cursive Pahlavi writings, is reduced to about 607 years; and there is Pahlavi writing extant, which still further reduces this interval.

In the Journal Royal Asiatic Society, Vol. vii., p. 343, fac-similes are given of a grant made to the Syrian Church in Southern India, and engraved on six copper plates. grant itself is in an old Tamil alphabet, and I am not aware that it has been translated, or its actual date discovered, but it appears from the history of the Primitive Church of Malayâla, Journal Royal Asiatic Society, Vol. i., p. 178, that its date is probably in the first half of the ninth century. One of the copper plates of this grant contains the signatures of the witnesses; eleven of these are in the Cufic character, and have been explained at the time the fac-similes were published; the next ten signatures are in the cursive Pahlavî, differing no more from that of the Pârsî books than the signature of any one differs from his ordinary hand-writing; the last four signatures are in the Hebrew character, but the language is Persian.

The form of attestation used by the witnesses who wrote Pahlavî, being often repeated, is easily determined to be as follows: Fifty (signature) (signature) (signature) mînûkû la (signature) patash gûkâs hûmănam, 'the spiritual I (signature) am witness to it;' mînûkû appears to have been an ordinary title, and two of the witnesses write it manûkû; two others somewhat vary the latter part of the form of attestation; the names can be read without much difficulty, but are not readily identified with any existing names; however, as

probably Parsis. The following is a transcript of these signatures, as far as they can be read:

عددرور دولس د . . . ب مان د مهدور کراسال دروس سراتها کراد [ا -066 119-61 2 -0-0-02 16n دادس سرکای کرااوا (سال سهم کراهاات د هاسود سراهمدا د ا کامه همه دادس 191126 FIFM إ ز د د مهدواه العمامة [دروس] ١٠٠٠٠ عد ١١١١ و ١٠٠٠٠ د عراوال مهم داد [سه سهاه] عدارور ل کلد د سرسرار دروس سرکه رک عدا محمدام عداروا و هوامو د الكما طامل موسك والحدك ملهله عداروا ل عراها دولس د رادمهما همی دادس مرصوع هددادا ر ساها کراها د درمدرسد مهمک داوس سرکارک

Owing to want of type, the Pahlavi compounds throughout this paper are resolved, either into their component letters, or into such other letters as best represent the form of the compound; thus, the compound of and and any which is similar in form to the Zand f, is represented by and u + u by -u.

The form of attestation used by the witnesses who wrote in the Hebrew character, appears to be hak gûn kan (signature) padish gû hûm, 'the truth-speaking-doer (signature) to it I speak;' of the names, Makîâîl (Michael) is the most readily identified, but Abraham and Hasan 'Alî are also pretty clear. The following is a transcript of these signatures, so far as they

can be read:

הכ גון כן חסן עלי פריש גוהום הכ גון כן עתק מכיאיל פריש גוהום הכ גון כן אברהם קזוב גוהום הכ גון כן גוהום הכ גון כן עבדי יחיי גוהום

The signatures to this grant are probably the oldest Pârsî writing extant, and the interval between this Pahlavî writing and the latest of the Sassanian inscriptions, is probably not more than 450 years.

The fragment of Ibn Muqaffa's writings, before quoted from the Kitâbu-l-fihrist, has also preserved for us the forms of two words in cursive Pahlavî, as they were written in his day, or about seventy-five years earlier than the probable date of the Indian copper-plate grant, and these forms seem almost unaltered by the successive Arab transcribers, through whose pens they have passed. It also appears from further quotations from the Kitâbu-l-fihrist, made by M. Lenormant in the Journal Asiatique, Aug.-Sept., 1865, p. 197-9, that the Persians used several alphabets; one for engraved inscriptions only, others for MSS. of various kinds; one of these last, called کشتر, used for writing medical and philosophical works, is given, and among the forms handed down to us, through the corrupting medium of the pens of successive Arab transcribers, M. Lenormant recognizes the following letters of the cursive Pahlavi alphabet:

ين ر م سر دُ مه هـ ـ ـ ـ ـ ـ ر ۱ ـ ـ ـ ـ ـ م سر دُ مه هـ ـ ـ ـ ـ م ـ ـ ـ .

There seems, therefore, little doubt that a cursive Pahlavi character, nearly identical with that used by the Pârsîs at the present time, was contemporary with the Sassanian and Chaldeo-Pahlavi characters, the latter being used for engraving, and the former for writing, in the time of the early Sassanian kings. How much further back we have to look for the origin of these alphabets, only adapted for the proper representation of a Semitic language, or for the origin of the Zand alphabet, adapted to the more complicated sounds of an Arian tongue, is a matter which admits of much discussion and difference of opinion; it is, however, evident that the Zand alphabet must have been invented at a time when the pronunciation of the Zand language was well known, as it provides for the distinct representation of a large number of vowel sounds, which must have required a good ear to distinguish. It is doubtful whether this intimate acquaintance with the sounds of the Zand language, as spoken, could have existed at a later date than that of the Achæmenian kings.

The following vocabulary of the words that have been identified in the Sassanian inscriptions, together with several words that can be isolated with tolerable certainty, though not yet identified, may perhaps be useful to those who wish to proceed further in this investigation.

MATERIALS FOR A VOCABULARY OF THE SASSANIAN INSCRIPTIONS.

The references are to the numbers given to the inscriptions by Mr. Thomas, and to the lines in the original of each inscription.

References immediately following the letter C., are to the Chaldæo-Pahlavî versions, and doubtful readings and references are italicised. The letters C. and S., prefixed to words, also refer to the Chaldæo and Sassanian readings respectively.

The Greek synonyms are given precisely in the forms that occur in the inscriptions, and are therefore often in the genitive case.

It must be observed that the original letter, represented for

the sake of convenience by h, was probably a strong guttural aspirate.

âdin, II. 10, VI. 10, C. 10, 'then;' Chald. ; corresponds to S. âhar, in VI. 11.

adinan, VI. 5, 'then we;' = adin + the Syriac suffix of the 1st per. pl.

âhalmani, III. iii. 2, 'Aharman, the evil spirit;' Phl. عن شاه المثانية. âhân, III. xvii. 4.

âhar, II. 9, 26, III. iv. 4, VI. 11, 14, 'after, afterwards;' Phl. לביט; Heb. אָרֵוֹרְ.

âhûrmazd, C. I.a. see âûharamazdî.

âlharpat, II. 28, III. ii. 1, V. 8, 'a priest of the inferior order, a herbad;' Phl. (1, V. 8, 2, aêthrapaiti.

atk, II. 8, 17, 22, 25, 27, III. ix. 4, 201. 1, C. xxiv. 4, xxx. 3, V. 8, VI. 8, 9, C. 8, 'thus, that;' Phl. aigh; Chald. 78.

âilân, IX. X. 6, 10, 'Irân;' = âirân.

dir, II. 3, 9, 15, 16, VI. 13, 14, supposed to be a prohibitive adverb, 'never,' may be dyd, or div; comp. Chald. 'N; corresponds to C. hip.

âirân, I. 2, III. i. 3, vi. 5, IV. 2, 4, VI. 2, 3, VII. 4, 7, VIII. 4, 7, XI. 5, 6, XII. 1, 3, 'Irân;' Phl. μος ; Gr. αριανων; corresponds to C. âriân; also = âilân.

diri, II. 17, 17, or diwi.

disha, C. III. xxix. 3, appears to be the name of a district.

âîtî, II. 18, 18, 'there is;' Phl. العدمان; Chald. جنانة.

also be read digan. II. 3, perhaps, 'thus, so;' Phl. ايدون; Pers. ايدون; may

âk, C. VI. 9, 'if;' Chald. جن ; corresponds to S. hat.

ákasî, C. VI. 9, 'knowing, aware;' Phl. سوسون; Pers. اگاه

âkyâk, C. III. xxxi. 3; Pl. âkyâkîn, C. III. xxvi. 2.

álhâ, C. I. 1, 3, C. IV. 1, 3, 4, C. VI. 1, 3, 'divine;' Chald. (Τ); Gr. θεου; corresponds to S. bagi.

âlûhâ, C. I.a, 'God;' Heb. אַלוֹהַ: Gr. θεου.

âmat, VI. 5, C. 5, 'when, that;' Phl. p. ...

dmir, II. 7.

ânârîân, C. IV. 2, C. VI. 2, 'non-Arians, or non-Irân;' Phl. corresponds to S. ânîrân; Gr. avapıavov.

ânilân, IX., X. 6, 10 = ânirân.

ânirân, IV. 2, VI. 2, VII. 4, 8, VIII. 4, 7, XI. 5, 6, XII. 2, 3, non-Irân; Phl. γγνν; corresponds to C. ânâriân; Gr. αναριανων.

dnkalin, III. xxvii. 4.

ânmăn, II. 27, 'where?' Chald.

ânû, C. VI. 8, 'that, thus, behold;' comp. Chald. \\ ; corresponds to S. âik.

âpam, II. 22, 24, V. 9, XI. 3, 'also I;' Phl. 4, Chald.

âpan, VI. 4, 6, 7, 'also we;' Chald. 5 + Semitic suffix of 1st pers. plur.

âpash, II. 21, III. x. 3, xx. 4, 'also he, also it;' Phl. — ; Chald. 524 + Iranian suffix of 3rd pers. sing.

apdadthi, V. 31, perhaps a mis-reading for apzalihi.

âpzâlihi, V. 17, 'liberality;' Chald. اقراد

Arazdisi, V. 80.

ârgûn, V. 13, VI. 9.

âriân, C. I. 2, C. III. xxvii. 2, xxviii. 1, xxxii. 4, C. IV. 2, 3, C. VI. 2, 4, 'Arians, or Irân;' corresponds to S. âirân; Gr. apiavov.

drlunt, II. 23, or dulunt.

armini, C. III. xxxii. 4, 'Armenia.'

ârtahshatar, I. 1, C. 2, III. i. 2, VIII. 8, C. xxxii. 5, IV. 3, C. 3, VI. 8, C. 3, VII. 10, 'Ardeshir Pâpakân,' founder of the Sassanian dynasty, who reigned A.D. 223-6 to 238-40; also the name of the tenth Sassanian king, who reigned from A.D. 380-1 to 383-5; Phl. Younge and Younge is; Gr. Aprakapov.

dshp, II. 26.

det, II. 26, apparently a verb; if not dytt = dtti, it may perhaps be the Pâz. vis.'

âstûndî, II. 21, 'sees, saw;' Phl. | poppessu; Chald. Till; the final di of this and other verbs, may be guessed to represent the Zand termination ti of the 3rd pers. sing.

âsûr, C. III. xxxii. 3, 'Assyria.'

âtari, II. 23, V. 36, 'fire;' Phl. yew; Z. âtarô or âthrô.

âtar-kidâ, III. i. 4, 'fire-temple.'

âtarmăn, C. VI. 8, 'place;' Chald.

âtashî, V. 17, 36, pl. âtashân, V. 34, 'fire;' Phl. Z. âtarsh.

âûharamazdî, I.a. II. 28, 29, 30, III. xi. 3, V. 5, 9, VIII. 6, X. 12, XI. 1, XII. 3, 'Hormazd, the divine spirit;' also the name of the third and eighth Sassanian kings, who reigned from A.D. 269-71 to 271-3, and from A.D. 300-3 to 308-10 respectively; Phl. Alon; C. âhûrmazd.

dulandali, VI. 11.; comp. dulani, II. 23.

aupadasht, C. VI. 10, 'ordered;' Sans. उपदेष्ट्र; corresponds to S. parmat.

dut, or dus, probably a pronoun, or conjunction; comp. Chald. Tiy, or Z. awad.

âyâtan, C. III. xxiii. 4, VI. 6, C. 6, 'mighty;' Heb. איֹרָוֹן (Heb. אַיֹרָוֹן). âzlâdìhì, II. 4.

babâ, III. xv. 5, 'gate, metropolis;' Phl. الله ; Chald. جيد Chald. جيد

bachak, II. 19, 'sin, crime;' Phl. مزد ; Pers. بزه .

bag, C. VI. 4, 'divine;' see bag1.

bagdat, III. xv. 4.

bagî, I. 1, 3, II. 1, IV. 1, 3, 4, VI. 1, 3, 4, VII. 2, 6, 9, IX. XII. 1, 3, 'divine;' Phl. bagh; Z. baghô; Gr. θεου; corresponds to C. âlhâ.

balâ, VI. 8, 8, 'without, outside;' Phl.); Chald. Corresponds to barâ in VI. C. 7.

balbîtâ, III. xvii. 3, = barbîtâ, 'a chieftain;' Phl. الروم الماء)

banapshman, III. xv. 5, 'self;' Phl. בנפש ; Chald. בנפש ;

banit, C. VI. 9, 11, 'built, formed;' Chald. ; corresponds to S. chiti.

bar, II. 20, 'fruit, produce, profit;' Phl. 3; Pers.

barâ, C. VI. 7, 9, 'without, outside;' Phl.); Chald. ¿; corresponds to S. balâ and S. bîlûnî.

barbîtân, III. viii. 4, xvi. 2, VI. 6, C. 6, 'generals, chieftains;' pl. of Phl. בלבטין; Chald. בלבטין.

barî, C. I. 3, C. IV. 2, C. VI. 2, 'son;' Chald.]; corresponds to S. barman; Gr. viov.

bari-la-bari, C. IV. 4, 'son's son;' Chald. יבֶּרְבָּרָ; corresponds to S. napi; Gr. εκογονου.

barman, I. 3, IV. 3, VI. 3, VII. 5, VIII. 5, IX. X. 8, 'son;' Phl.

barsam, II. 9, 9, 'sacred twigs;' Phl. 40); Z. baresma.

bìdûn, III. v. 4, V. 2, 6.

bidûnt, V. 25, comp. bidant, V. 20.

bilûni, VI. 10, 'external, outside;' Pers. بيرونى.

bîn, V. 34, 67.

bish, C. VI. 7.

btt, III. vi. 2, x. 3, xvii. 4.

bûht, II. 20, 80, V. 33, 'released;' Phl. pul.

bûhtakî, II. 31, 'released, free;' Phl. 3001).

chabûlâ, III. x. 2.

chad, VI. 7, 'side, direction;' Chald. 75; corresponds to C. had, and may perhaps be read had.

chahalki, II. 5.

chitâk, VI. 7, 9, 15; chitâki, VI. 11, 14, probably the name of some building, 'chaitya?;' corresponds to C. shiti.

chiti, VI. 10, 12, 'built;' corresponds to C. banit; Sans. [4.

chisan or chigan, II. 22, 'how, as;' Phl. اچگونه Pers. چگونه.

dabir, II. 10, 24, 'writer;' Phl. دبير; Pers. دبير.

darmak, II. 17.

dîkî, VI. 7, 13, 'pot, hollow, cave;' Phl. محدقة; corresponds to C. wim.

dina, II. 31, 'faith, religion; Phl. 19-6; comp. Chald. 177.

dûsahwî, II. 8, 18 (hell; Phl. دوزخ; Pers. دوزخ.

gadman, III. xv. 2, xxii. 4, 'lustre, splendour;' Phl. 140.

gîrâk, III. xx. 4, V. 4, 4, 11, 11, 13, 18, 81, possibly 'captive;'
Pers. گيرا.

gükânihi, V. 30.

gûmanî, II. 17.

gûnakî, II. 6.

- had, C. VI. 7, side, direction, boundary; Chald. 75, or Arab. 25; corresponds to S. chad.
- halgûpat, III. ix. 3, 6, xviii. 3.
- hamak, C. III. xxix. 3, 'all, every;' Phl. 460; Pers. 440.
- hamgûnakt, V. 10, 15, 16, 'same, similar;' Phl. ممكونه; Pers.
- hanahtûn, VI. 7, 13, 'put down, placed;' Phl. 190190000; Heb. hiph. of [7] 'to descend; corresponds to C. haqaimad.
- haqâîmû, C. III. xxvi. 3, haqâîmûd, C. VI. 12, haqâîmût, C. VI. 7, 'erected, set, made to stand;' Heb. hiph. of to stand;' corresponds to S. hanahtûn.
- hararyâ, C. VI. 5, 7, 8, 12, 13, 14, 'arrow, javelin;' corresponds to S. hatyâ.
- hashatar, C. III. xxiv. 2, xxv. 4, xxvii. 2, xxix. 3, 3, xxx. 1, 2, xxxi. 4, 5, 6, xxxii. 4, 'city, town;' S. shatari; perhaps from Z. khshathrô, 'dominion.'
- hashatardarîn, C. III. xxvi. 3, C. VI. 5, 'satraps, governors;' corresponds to S. shataldalân.
- hatimud, II. 24, hatimun, V. 5, hatimund, V. 18, hatimunt, V. 32, 'to fill, pour;' Phl. リペリー ; it is doubtful whether the correct meaning of this Pahlavi verb is known; Heb. hiph. of to shut up.'
- hatyâ, VI. 5, 7, 8, 13, 15, 'arrow, javelin;' Phl. Chald.; corresponds to C. hararyâ.
- hawind, C. VI. 8, hawindi, C. VI. 9, 10, hawint, C. VI. 11, was, been; Chald. T; corresponds to S. hûman.
- hawitan, V. 1, 2, 'was, been;' Chald. Probably hawitun, having become fixed in the 2nd pers. pl. of the preterit, like all Pahlavi verbs from roots ending in N, or 7.
- hazitant, II. 13, 26, 'saw, beheld;' Phl. المالة: Chald. كالمالة: Chald. المالة:
- hip, C. VI. 12, 13, supposed to be a prohibitive adverb, 'never;' corresponds to S. air.
- hishit, II. 12, perhaps wahishit.
- hû, C. VI. 7, hûb, C. VI. 12, 13, hûp, C. VI. 14, 'him, it, that;' Chald. *; correspond to S. zak and S. walman.
- hû-kâmakî, V. 1, 'good desire, good intention;' Phl. w and 3-Co; Z. hu and kâma.

haman, II. 6, 19, III. xxii. 1, C. xxx. 4, VI. 10, 10, 12, 'was, is;'
Phl. 1-6).; corresponds to C. hawindi and C. hawint.

hûmănam, II. 4, 11, 12, 13, 27, 28, 29, 31, V. 53, XI. 2, 'I am;' Phl. 4)4).

hûpalast, II. 2, 'good worshipper;' Phl. w and معنان ; Pers. يرست.

kabîr, II. 23, V. 4, 11, 17, 31, 34, 'great;' Heb. לַבַּיֹרָ

kadab, C. VI. 11, 14, 'wrote;' see katab.

kal, C. VI. 9, 12, 13, 'to, unto;' corresponds to S. wal.

kalit, II. 18.

kalmân, IX. 'Karmân.'

kalp, II. 19, 20, 'karfa, good works and atonement;' Phl. 43. kalt, II. 5, 19, 'did, made;'=kart.

kaltakân, V. 4, 17, 31, 'deeds, actions;'=kartakân.

kalti, II. 12, 28, 29, 30, V. 2, 13, 'done, made;'=karti.

karazâwâ, C. VI. 1, 'proclamation, edict;' Chald. אברן.

karman, C. III. xxx. 7, xxxi. 6, possibly 'field;' Heb. 73; but very doubtful.

kart, II. 20, 20, 27, 'did, made;' Phl. مرد and مراع ; Pers. كرد. kartakáli, III. iv. 3.

kartakân, III. i. 5, xvii. 2, 'deeds, actions;' pl. of Phl. مراه and جراه ; Pers. کرده.

karti, II. 4, III. ii. 3, iv. 2, 'done, made;' Phl. 1994.

kartir, II. 1, 22, 23, 27, 29, 30, 31, probably 'crown,' as Mr. Thomas supposes; Heb. אבור בוויס.

katab, VI. 12, 16, 'wrote, written;' Chald. בְּלָב ; C. kadab.

kâmkâlî, V. 3, 16, 'power, dominion;' Pers. كامكاري.

kâmkâlît, V. 10.

kilit, II. 16.

kîn, II. 16, 'hatred, malice, revenge;' Phl. ودو, Pers. كين. kûlâpî, V. 9.

la, II. 20, VI. 7, 8, C. 7, 7, 7, 8, 9, 14, 'to, for, at;' Chald. ?. labâ, III. ix. 3, xvi. 2, xvii. 3, 4, xxii. 2, C. xxiii. 4, 6, 'great, noble;' Phl. **); Chald. **??.

lagalman, VI. 6, 12, 'foot;' Phl. בלל); Chald. לבל); corresponds to C. nagarin.

lakam, II. 6.

lakamá, III. xxiv. 4.

lamitan, II. 19, VI. 8, 8, 15, 'threw, cast;' Phl. 1969年5年3; Chald. 於為; corresponds to C. ramit. Probably lamitum; see hawitan.

lan, C. VI. 5, 10, 'us, we;' Chald. ; corresponds to S. lanman.

lanman, III. ix. 4, x. 2, xi. 2, VI. 11, 'us, we;' Phl. 14); corresponds to C. lan.

latir, V. 8.

lâ, III. xviii. 2, VI. 9, C. 8, 'not;' Phl. , Chald. , Chald. 11. 6.

المعنى ; Pers. راست , Pers إلى المعنى ; Pers براست ,

11, 11, 13, 10, 11, 13, 18, 19, 20, 22, 23, 25, V. 10, VI. 1, C. 1, 'me, I;' Phl. 5; Chald. 7. The Pahlavi has adopted most of its personal pronouns in an oblique case, that is, in the form of the Semitic preposition la + pronominal suffix.

lûbâk, II. 21, lawful, suitable, pleasant; Phl. 21, Pers. 19; may perhaps be read lûbân.

ا (ماروان Phl. کروان); Pers. روان)؛ Pers. الفط المُعْلَمُ المُعْلِمُ المُعْلِمُ المُعْلِمُ المُعْلِمُ المُعْلِمُ

lûini, VI. 5, 'before;' Phl.); corresponds to C. qadmatman. lûni, II. 7.

madam, II. 12, 'on, upon;' Phl. 434.

madamah, II. 15, III. iii. 3.

makûrn, C. III. xxix. 5.

maharhit, II. 5, 6, 9, 10.

maharti, II. 15, 16.

malkâ, I. 2, 3, C. 2, 3, II. 27, 28, 29, III. i. 2, iii. 1, v. 3, vii. 3, xv. 3, xvii. 5, xx. 2, C. xxv. 6, xxviii. 1, xxix. 5, 5, xxxii. 5, IV. 2, 3, 5, C. 1, 3, 4, V. 1, 2, 6, 9, 15, 40, VI. 2, 3, 4, C. 2,

- 8, 5, VII. 3, 7, 11, VIII. 4, 7, 9, IX. 1, 2, X. 5, 10, 13, XI. 4, 5, 6, 7, 8, 10, XII. 1, 2, 3, 4, 10, 'king;' Phl. ως'; Chald. Τζ def. ΧΤζ ; Gr. βασιλεως.
- malkân, I. 2, II. 27, 28, 28, 30, III. i. 2, iii. 1, IV. 1, 3, V. 1, 2, 6, 9, 15, 40, VI. 1, 3, VII. 3, 7, 10, VIII. 3, 6, 9, IX. X. 5, 9, 13, XI. 4, 5, 6, 7, 8, 10, XII. 1, 2, 3, 4, 10, 'kings;' Phl. μυμή (; Sassanian pl. of malkâ; Gr. βασιλεων.
- malkin, C. I. 2, C. IV. 1, 3, C. VI. 2, 3, 'kings;' Chald. pl. בֻּלְבִין; Chaldæo-Pahlavi pl. of malkâ; Gr. βασιλεων.
- maman, II. 6, 16, 17, 23, C. III. xxvii. 2, xxix. 4, V. 7, 'what? who?' Phl.)-G-G; Chald.
- man, I. 3, C. 2, II. 1, 17, 20, 23, III. vi. 2, 3, xvii. 6, xix. 1 C. xxiv. 4, xxvi. 4, IV. 2, 4, C. 2, 4, V. 2, VI. 2, 4, C. 2, 4, VII. 5, 8, VIII. 5, 8, IX. X. 7, 11, XII. 2, 4, 'from;' Phl. →; Chald. →. Probably min.
- manak, II. 23, perhaps man + Semitic suffix of 2nd pers. sing.
- manam, II. 21, 25, perhaps man + Iranian suffix of 1st pers. sing.
- manů, II. 19, 19, 28, 25, III. xv. 5, xvii. 5, C. xxvi. 6, VI. 11, 12, 14, C. 10, 11, 13, 'spiritual, invisible;' Phl. 195-6; Z. mainyu; pl. manûân, V. 14, 'spirits.' Probably minû and minûân.
- manû-chatalî, VIII. 4, 7, IX. X. 7, 11, 'divine offspring'=manû-chatarî.
- manû-chatari, I. 2, IV. 2, 4, VI. 2, 4, VII. 5, 8, XII. 2, 4, 'divine offspring, spiritual descendant;' Phl. 1966; Z. mainyu and chithra; Gr. εκογενους; corresponds to C. manû-shihar. Probably minû-chitari.
- manû-shìhar, C. I. 2, C. IV. 2, 3, C. VI. 2, 4, 'divine offspring;' corresponds to S. manû-chatari.

marzash, II. 10.

- mazdayasn, I. 1, IV. 1, 3, VI. 1, 3, VII. 1, 6, VIII. 2, 5, X. 2, 8, XII. 1, 3, 'Mazda-worshipping;' Phl. γως ξ; Z. mazdayasnô; corresponds to C. mazdayazn; Gr. μασδασνου.
- mazdayasni, IX. = mazdayasn.
- mazdayazn, C. I. 1, C. IV. 1, 2, C. VI. 1, 3, 'Mazda-worshipping;' = S. mazdayasn; Gr. $\mu a \sigma \delta a \sigma v o v$.

mazûnî, II. 24.

mâtazdân, II. 26, V. 7.

mátán, II. 25.

nagarin, C. VI. 6, 11, 'feet;' corresponds to S. lagalman. nami, III. xxvi. 2.

napalt, C. VI. 8, 'fell;' Phl. معرانده ; Chald. كان

napashti, II. 22, 31, V. 8, 62, 'wrote, written;' Phl. ويون على المحافية .

napî, IV. 4, VI. 4, VII. 9, VIII. 8, X. 11, 'grandson;' Pers.; Lat. nepos; corresponds to C. bari-la-bari and pûhri-pûhar, and Gr. εκογονου.

napshmän, II. 11, III. xiv. 3, C. xxvi. 2, 'self;' Phl. J. Chald. [5].

napsmän, II. 24, 'self;'=napshmän.

narsaht, VII. 2, VIII. 9, 'Narses,' the seventh Sassanian king, who reigned from A.D. 291-4 to 300-3.

nasazman, II. 14, 'prayer;' Phl. 14329.
nasrûn, II. 17.

nâmaki, II. 22, 26, 'a writing, letter, narrative;' Phl. والله على:

pakdûn, V. 6.

palmât, III. i. 4, 'ordered;' = parmât.

panman, c. VI. 10, possibly 'before, inside;' Heb. 15.

parmât, VI. 11, 'ordered;' Phl. المرمودن ; Pers. فرمودن ; corresponds to C. âûpadasht.

parmîtan, C. III. xxvi. 4, xxxi. 1.

patkalî, I. 1, I.a. IV. 1, VII. 1, VIII. 1, X. 1; 'image, representation;' Gr. $\pi\rho\sigma\sigma\sigma\sigma\sigma\nu$.

patkar, C. I. 1, C. I.a, C. IV. 1, 'image;'= S. patkalı.

patan, C. VI. 6, 11, 'in, into;' Comp. Heb. 冷氣; corresponds to S. pawan. Might be read pawin.

patarhît, II. 3.

patpûlsât, II. 14.

patyâk, VI. 10, 'public, evident;' Phl. عده ; Pers. اپیدا .

pawan, II. 1, 3, 11, 14, 16, III. xx. 1, V. 3, 6, 10, 15, 21, 23, VI. 6, 12, 'in, into;' Phl.))); corresponds to C. patan.

pâpak, C. I. 3, C. IV. 4, C. VI. 4, see pâpakî.

pâpakî, I. 3, IV. 4, VI. 4, name of the father of Ardashîr (the founder of the Sassanian dynasty); Phl. 3005; Gr. Mamascov.

pârdân, III. xv. 3, possibly a name.

pârs, C. III. xxxii. 3, probably ' Persia;' Phl. وفارس; Pers. فارس; pâst, II. 25.

pâtahsatali, II. 25, 26 = pâtahshatari.

pâtahshatali, II. 24, V. 12, 18, 32, 32 - pâtahshatari.

pâtakâsû, II. 4.

pûhrî-pûhar, C. VI. 4, 'son's son;' Z. puthrô, 'son;' corresponds to S. napî. The final i of the first word looks like the Persian idhâfat, but it is more probably derived from the Zand termination of the dat. or gen.

pusht, C. III. xxix. 4.

qadmatman, C. VI. 5, 'before, in front of;' Chald. وَإِلَا اللهُ عَلَيْهِ اللهُ عَلَيْهِ اللهُ عَلَيْهِ اللهُ

rab, III. xxiv. 2, 'lord, master;' pl. rabân, C. VI. 6, 'lords, chiefs, leaders;' Phl. ; Chald. 57.

ramit, C. VI. 7, 'threw, shot, cast;' Phl. リャットング; Chald. たない; corresponds to S. lamitan.

rdb, III. xxvi. 3, probably = rab.

rdspühlün, V. 6.

ram, II. 28, 29, 30, 'Roman empire;' Phl. אנים; Pers. ענים; May also be read sham, 'name.'

sakandar, C. III. xxv. 2, may be 'Alexander,' but this is very doubtful; the Pahlavi forms are عداد المرادد على and (in the Bûndahash) عداد المرادد عداد عداد عداد المرادد ال

sakân, III. v. 3, a proper name.

sam, II. 24, 31, 'name, title;' Phl. 49; Chald. Di. See sham.

samâi, V. 1, possibly 'sky, heaven;' Phl. しょうしょ; Chald.

sarddiht, II. 24, or st radiht.

satar, C. VI. 10, 'hidden, enclosure;' Chald. קרָן.

satâhît, II. 6, 13.

sazitant, II. 20, 'went, expired;' Phl. مراجع إلى Chald. والمراجع ; Chald. والمرجع ; Chald. والمرجع ; Chald. والمرجع إلى المرجع إلى المرجعة ألى المرجع

shadadra, C. VI. 9.

shadit, C. VI. 5, 6; shaditan, V. 29, VI. 5, 6, 14; shadiû, C. VI.

13, 'threw, shot;' Phl. אָרָט: Chald. אָלְשָׁי:

shahîpûhar, C. III. xxv. 6, C. IV. 1, C. VI. 1, = S. shahpûhrî. shahpûhar, XII. 1 = shahpûhrî.

shahpûharkan, II. 29, 'descendants of Shahpûhar;' possibly the name + suffix of 2nd or 3rd pers. pl.; Comp. Phl.

See walahlânah.

shahpûhri, II. 27, 31, IV. 1, V. 1, 2, 6, VI. 1, VII. 6, VIII. 8, X. 4, 9, XII. 10, 'Shahpûhar,' name of the second, ninth, and eleventh kings of the Sassanian dynasty, who reigned as follows: from A.D. 238-40 to 269-71, from A.D. 308-10 to 380-1, and from A.D. 383-5 to 388-9 respectively; Phl. (Δημούν) and Δημούνου; corresponds to C. shahîpûhar; Gr. Σαπωρου. shahyâ, VIII. 2, 6, 8, X. 3, 8, 12, 'ruling;' Z. khshaya.

sham, II. 27, 'name, title;' Phl. 40; Chald. Di; see sam. It is just possible that this should be read Rûm, in II. 27. shamman, C. III. xxiv. 6, xxix. 4, 'name;' see sham.

shapil, III. i. 5, 'good;' Phl. كونو.

shataldalân, VI. 5, shataldarân, II. 23, 'satraps;' correspond to C. hashatardarîn.

shatali, II. 12, V. 27, 34 = shatari.

shatar, III. xviii. 4 = shatarî, or pâtahshatarî.

shatardálsi III. xvii. 3, xxi. 4.

shatarî, III. i. 3, 4, iv. 1, vi. 5, ix. 5, x. 5, xv. 2, xvii. 6, xx. 4, xxii. 6, V. 4, 11, 'city, town; Phl. 110-49; C. hashatar; perhaps Z. khshathrô.

shapûhli, IX. = shahpûhri.

shidan, III. iii. 2, 'devils;' Phl. איביט, which is often written with five, or more, initial loops, instead of three, which appears to be the correct number, according to this Sassanian reading; Chald.

shîtî, C. VI. 7, 9, 10, 13, 13 = 8. chitâk.

tagalâhî, VI. 1, 'publication, revelation;' Heb. אָלָה. tamatûn, II. 20.

tamman, VI. 9, C. 8, 'there;' Phl. 166.

wa, passim; 'and;' Phl. ; Chald. ; Pers. ; Gr. Kal.

wadnâ, II. 26, 'time, opportunity;' Phl. زورد Chald. آبان Chald.

wahdan, III. iii. 5, 'done;' Phl. 11011.

wahishti, II. 4, 8, 12, 18, 18, 'heaven;' Phl. (2); Z. wahishtô, 'best.'

wal, II. 4, 5, 8, 18, 19, III. vi. 5, viii. 1, xi. 2, xii. 2, 3, xv. 5, C. xxvi. 2, V. 1, 4, 11, 11, 13, 26, 31, VI. 13, 15, 'to;' Phl. 5; Chald. 5y.

walahlân, IX. V. 33, 40, 'Warahrân,' or Bahrâm, name of the fourth, fifth, sixth, and twelfth kings of the Sassanian dynasty, who reigned as follows: from A.D. 271-3 to 274-6, from A.D. 274-6 to 291-4, for part of A.D. 291-4, and from A.D. 388-9 to 399-400, respectively.

walahlânah, II. 30, 'descendant, or successor of Walahlân;' possibly the name + suffix of 3rd pers. sing. See shahpûharkan. wald, II. 6.

walman, II. 20, 21, III. iii. 5, xiv. 5, V. 7, VI. 8, 16, 'that, he, him, it;' Phl. 1-6).

walti, V. 2, 13.

wanahlân, II. 28, 29, 30 = walahlân.

waplant, II. 6, 'fell;' Phl. 11029); this is very doubtful, as it should be pronounced naplan.

warahrân, XII. 4, = walahlân.

wazlûnd, V. 64, wazlûnî, II. 2, V. 84, wazlûnt, II. 19, V. 14, 'went, became;' Phl. אַנל or אָנל or יַּצוּל.

- wayak, VI. 8, 9. wim, C. VI. 6, 12, 'pit, cave;' Z. waêm.
- yadâ, C. VI. 11, 14, 'hand;' Chald. The def. NT:; corresponds to S. yadman.
- yadman, VI. 12, 16, 'hand;' Phl. 6; corresponds to C. yada.
- yahalkan, VI. 6, 'lords;' eorresponds to C. rabân; may also be read rachalkan.
- yahmatûn, II. 22, V. 28; yahmatûnt, II. 21, 21, 'came, arrived;' Phl. ງງຕາງຕະມາລ; Chald. ເປັນລ.
- yahût, C. III. xxv. 5, C. VI. 8, 9=S. yahwûn.
- yahwûn, II. 6, 11, 11, 13, 15, III. xvii. 5, xviii. 2, V. 53, 58, 60, VI. 9, 12, 'is, was, been;' Phl. 110111112; corresponds to C. yahût.
- yakaritant, II. 27, apparently an irregular form for karitant, 'read, called, exclaimed;' Phl. אָרָאָאָ ; Chald. אָרָדָאָ
- yaktiban, II. 25, 'wrote;' Phl. אַכְּלָבוֹ Chald. בְּלֶבוֹ Chald. בְּלֶבוֹ
- yakwimant, V. 8, 'remained, existed, was;' Phl. 190291-63195; Chald. []
- yamanman, II. 18, 'right hand;' Heb. יֶבֶלְיִי.
- yamashahun, II. 14, 23, possibly 'anointed;' Chald.
- yazdân, II. 1, 3, 7, 9, 14, III. iv. 3, x. 4, xvii. 1, V. 5, 10, 16, 31, 59, VII. 5, 9, VIII. 5, 8, IX. X. 7, 11, XII. 2, 4, 'God;' Phl. S; Z. yazata.
- yaztân, I. 3, IV. 2, 4, VI. 2, 4, 'God;' the older orthography of yazdân; corresponds to C. yâztan; Gr. $\theta \epsilon \omega \nu$.
- yâmazûd, C. VI. 14, 'brought, sent;' Heb. *\D.
- yâztan, C. I. 2, C. III. xxiv. 2, 5, 6, xxvii. 3, xxxi. 6, C. IV. 2, 4, C. VI. 3, 4, 'God;' corresponds to S. yaztân; Gr. θεων. yûnân, C. III. xxiv. 3, possibly 'Greeks.'
- zak, II. 12, 14, 19, 23, 26, 27, III. viii. 2, ix. 4, x. 2, C. xxix. 5, V. 15, 67, VI. 7, 9, 12, 13, 15, C. 6, 'that, he, him, it;' Phl. 5; Chald. 77; corresponds to C. hû and C. hûb.
- zakmān, II. 8, probably a misreading for zanmān. zakmī, V. 2.

zanmăn, I. 1, C. 1, I.a. II. 9, 10, 12, 15, 20, 22, IV. 1, C. 1, VI. 1, 5, 7, 13, C. 1, 5, 6, 12, VII. 1, VIII. 1, 'this;' Phl. (C); Chald ;; Gr. τουτο.

zataki, II. 26.

satádihi, II. 21.

zati, II. 24, 25, III. xix. 1, V. 7, 18, 32, 'struck, destroyed, conquered;' Phl. خ ; Pers. زس.

zi, II. 23, 27, 29, 29, 30, III. i. 3, iii. 2, v. 4, vi. 4, vii. 4, viii. 3, xii. 2, 3, xv. 3, 4, 5, xvii. 1, xviii. 4, xix. 2, 3, 4, xxii. 3, 4, V. 4, 8, 10, 17, 31, XI. 3, 5, 6, 7, 8, 10, 'that, which,' Phl. 5; Chald. 7.

zindian, II. 16.

zûlâdacht, III. xv. 4, probably 'Zarathushtra,' as Mr. Thomas supposes; Phl. (2)

Several of the identifications in the foregoing vocabulary may hereafter be found to be erroneous, but they are offered merely as one step in advance, towards the correct interpretation of the inscriptions, and must be taken with due allowance for errors, arising partly from my limited acquaintance with the cognate languages, and partly from the natural desire to pass beyond the narrow limits of certainty, by means of probable guesses. It is necessary also to remark that, though I have made free use of much valuable information obtained from Dr. Haug, and am generally acquainted with his views, he must be acquitted of any participation in my errors, as I may have advanced several opinions to which he might not give his assent.

Little has been said of the grammar of the Sassanian language, but, so far as can be made out from the limited text that is yet intelligible, the grammatical rules that may hereafter be formed will refer rather to the arrangement of the words, than to their inflection.

A satisfactory grammar, even of the Pahlavi language, has yet to be written, but before that can be done, it will be necessary for its author to read the greater part of the Pahlavi literature, of which perhaps scarcely one-fourth exists in the public libraries of Europe.

ART. X.—Some Account of the Senbyú Pagoda at Mengún, near the Burmese Capital, in a Memorandum by CAPI. E. H. Sladen, Political Agent at Mandale; with Remarks on the Subject, by Col. Henry Yule, C.B.

The circumstances which led to the transmission of this Memorandum, will be stated in the appended remarks.

"Senbyoo" Pagoda (at Mengoon).

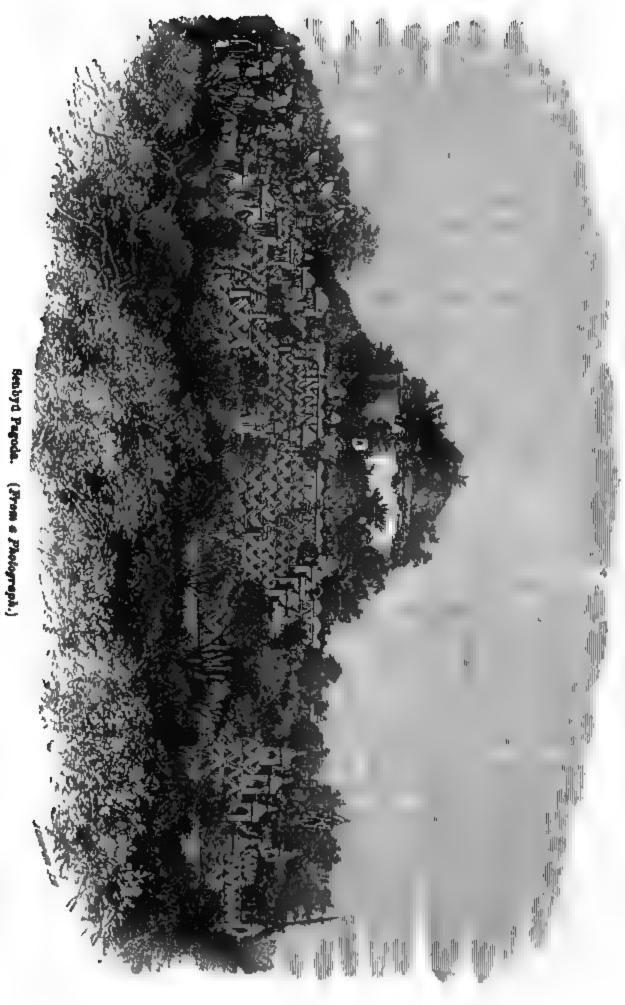
- 1. The Pagoda was built in the reign of king Bodo Piyak,1 in the Burmese year 1178 (A.D. 1816), by his grandson, Noungdau Gyee, now known as Bagyeedau Piyah, which specifies his relationship as paternal uncle to the present reigning king.
- 2. It is situated at Mengoon, on the west bank of the Irrawaddy, a couple of hundred yards only from the huge brick ruin which is known as the Mengoon pagoda.
- 3. Mengoon was a place of comparatively little note, until raised into importance by king Bodo Piyah, who made it his favourite retreat, and conceived and founded the monster pagoda which has given or taken its name from the place of its creation.3
- 4. King Bodo's partiality for the place, or his extensive building propensity seems to have been necessarily imitated by those about him, so that it soon became a conventional undertaking on the part of members of his family (and of his government too) to add to the importance and sanctity of the

² Phagyi-Dau is the title of the king who reigned 1819-1837, and in whose

time our first Burmese war took place. — H. Y.

¹ Bhodau Phra is the title given to the king who reigned from 1781 to 1819, called by Symes, who visited his court, Minderawje Praw (Mantaragyi).—H. Y.

³ Mengún is on the west bank of the Irawadi, about six or seven miles from Mandalé, the present capital. An account of the great pagoda there will be found in the Narrative of Major Phayre's Mission, p. 168.—H. Y.



fashionable retreat, by embellishing it with shrines, pagodas, and other good works then in favour with the king.

- 5. The Senbyoo pagoda thus rose into existence. It derives its name from Bagyeedau's chief queen, who was a grand-daughter of king Bodo, and believed further, under the transmigration principle, to have been a revivification in the flesh of Bodo's mother; consequently she was privileged to assume Bodo's majestic title of "Senbyoo Shen," or Lord of White Elephants.
- 6. It is singular enough that this pagoda (Senbyoo) should have been built in a form which at once distinguishes it from the ordinary class of similar structures throughout Burmah. But though this singularity is somewhat unaccountable, the structural design of the pagoda is evident enough; and its connection therefore, in an architectural point of view, with similar Buddhistical remains in Java and elsewhere, can be so far satisfactorily traced.
- 6. The pagoda is intended to be a complete symbolical representation or model of Mount Meru, known to Burmans as "Myenmho Doung."
- 7. It is as well perhaps that I should enter briefly into a description of this cosmical mountain (that is to say, a Burmese description) by way of illustrating, in some slight degree, the woodcut which is annexed, and of explaining beyond question, that the pagoda, about which we are interested is, in reality, a simple representation of the mountain to be described.
- 8. Burmese fragmentary accounts, collected from a variety of sources, would have us believe in the first place, in reference to this famous Myenmho Doung, that the earth we inhabit, is composed of four continents, which lie at the extreme base of the mountain, in exact correspondence with the four cardinal points of the compass. Insurmountable barriers, and interminable seas separate these continents from direct contact with Myenmho Doung, but these seas and barriers are to some extent limited at the base of the mount by the monster fish "Ananda," which surrounds the hill on all sides with its body, and defines a complete circle by taking its own tail in its

mouth.¹ This fabulous monster fish, which is regarded as the outer guard, barrier, or defence to the mountain itself, is represented at the *Senbyoo* pagoda by a large outer circular wall, eight feet in height, four in thickness, and 750 yards in length or circumference.

The five (or rather six) concentric terraces, which are seen in the photograph to rise one above and inside the other, are representations of the five regions, continents, or countries, which surround the hill in concentric gradations from its base upwards.

The continents are called in Burmese—with reference I imagine only to the manner in which they are represented in drawings or models—" Aleyne gna Sen," or the five concentric gradations.

Each continent takes its name from the guard stationed in it for its defence, or rather for the defence of the mountain itself, against the attacks of the fallen angel or Nat "Athooya."

Ascending from the base the

1st Continent is called Nagah.

2nd " " Kălon, sea-dragon or fabulous bird.
3rd " " Gōmbān " Beloo," or man devouring monster of the Gomban tribe.
4th " " Yēthā "Beloo," of the Yatha tribe.
5th " " Gundāpāh," from the Nat, or spirit, or fairy of that name.

The fifth, or uppermost terrace, is surmounted by the Soolamanee³ pagoda, which in turn has continents or terraces stretching out from its base, above which rise the several

¹ Is not this the Midgard Serpent Jörmundgand of the Edda, "that holding his tail in his mouth encircles the whole earth." (Translation of the Prose Edda, 410.)—J. F.

² These names restored from Burmese alteration are, I imagine, Asura, Naga, Garuda, Kumbhanda, Yaka, Gandharva.—H. Y.

³ I find on reference to a Burmese book, that Soo-la-mă-nee is the name of a pagodu far up in the celestial regions, and worshipped by the Nats. I do not know the meaning of the word. From Sladen's note I do not understand whether the name is given to the great central structure of the Senbyoo pagoda, which in fact represents Mount Meru, or whether there is a separate building which carries the name of Soo-la-mă-nee. The real Soo-la-mă-nee in heaven is said to be three Yojana high, so in the model at Mengún, it would, or ought to be proportionably small, if compared with the representation of Mount Meru.—A. P. Phayue.

Paradises, in which reside spiritual beings of the Nat, angel, or fairy tribe.

- 9. This description of the hill and its belongings might be enlarged on, and lengthened out into almost unlimited detail; but with very little advantage as regards the architecture of the Senbyoo Pagoda, with which we are at present principally concerned.
- 10. The only discrepancy I find in connecting the pagoda with the description given above, is that it represents six instead of five concentric terraces.

The sixth terrace, though as evident as daylight, is ignored, or accounted as nought, by those on the spot, who affirm that the bottom or basement terrace (though it is a terrace as much as any of the rest, and ascended by a flight of steps, similar in all respects to those attached to the other terraces) does not count, and is no real terrace at all. It is hardly reasonable to suppose that the extra terrace was tacked on by mistake, but I can readily believe in the aptitude and inclination of the Burmese artist or architect to disregard the mere trifle (as it would appear to him) of being particular as to correct definition or representation, if by the addition of a mere terrace or two, he could in any way beautify the original design, or make up for loss of height or other structural deficiency.

11. I have already said that the outer circular wall of the Senbyoo pagoda (which represents the monster whale Ananda) is about 750 yards in circumference. The first or lower terrace at the base of the pagoda, has by rough measurement, a circumference of 400 yards.

The height and distance of each concentric terrace, above and apart from the other, is uniformly and respectively five feet; and each terrace is ascended on four sides, corresponding with the points of the compass, by flights of steps, leading under elaborately formed porticos of masonry, and stuccoed decorations.

Each terrace too is girt or supported by a wavy serpentine parapet, which I understand to represent the mountain barriers which separate the several continents of *Myenmho-Doung*.

The wavy pattern idea in mortar bears a strong and rather ingenious resemblance to various paintings I have seen, by Burmese artists, who aspire to depict hills and mountain scenery.

The parapets are flanked, or rather connected at regular distances, by arched pillars, the archway of each containing a niche, or open space, in which the guardian monster deity, or Bělōo, sits and defies all enemies.

If the photograph which I send is looked into, it will be seen that a gentleman who was with me at the time the picture was taken, has kindly contributed his mite to science by perching himself upon the top of one of the masonry mountains which form the parapet of the terrace. The natural proportions, thus given, will be of more service I hope (by a comparison of parts) in estimating dimensions, than any unprofessional measurement or estimate of my own.

In fact, so clear is it to me that the architectural relationship, as regards design, between this pagoda and other similar structures in Java, or northern India, has been fully established and accounted for, that the necessity for correct measurement, by way of elucidating what has hitherto been supposed doubtful, no longer exists.

The photographs might have been better. They were taken on dry plates (Beer process), under rather unfavourable circumstances. The wind blew so freshly during the time of exposure, that the camera and other apparatus would have disappeared altogether, unless held in position. This too, in one instance, whilst a view was being taken from the top of the whale Ananda's back.

EDWD. H. SLADEN, Captain, Political Agent.

Mandalay, 6th Jan., 1868.

Remarks

In a paper describing what I had seen of architectural remains of Hindu character in Java, which was read before the Asiatic Society of Bengal, in October, 1861, there occurred the following passage in reference to that magnificent monument of Buddhism, the Boro Bodor:—

"Mr. Fergusson, who gives a good account of the Boro Bodor in his Handbook of Architecture, considers it to be a kind of representation of the great Buddhist monasteries, which are described in the Ceylonese writings as having been many stories high, and as containing hundreds of cells for monks.



Sat-Mehal Prasada.

In Tennent's Ceylon (vol. ii. p. 588) there is a woodcut of a singular pyramidal building at Pollanarua, called the Sat-mehal Prāsāda, or 'Seven Storied House,' which in a rough way is quite analogous to the Boro Bodor.

"But the structure nearest to it in general design, that I have seen or heard of, was one visited by Mr. Oldham and me in 1855, at Mengún, above Amarapúra. It was thus described from my journal:—

"'Further north there is an older Pagoda of very peculiar character. The basement which formed the bulk of the structure consisted of seven concentric circular terraces, each with a parapet of a curious serpentine form. These parapets rose one above and within the other like the (seven) walls of Echatana described by Herodotus. . . . In the parapet of every terrace were at intervals niches looking outwards, in which were figures of Nátel and warders in white marble, of half life size. A great

t "Burmese Devtas or genii."

circular wall enclosed the whole at some distance from the base. It was difficult to ascertain the nature of the central structure, so shattered was it by the earthquake. The whole (though round instead of square in plan) had a great general resemblance to the large ancient pyramidal temple in Java called Boro Bodor, as described by Raffles and Crawford; but this Mengún structure was not, I think, very old, and I doubt if the resemblance was more than accidental. At the foot of the hills, some hundred yards to the westward, there was another Pagoda of similar character, which we did not visit." 1

I retract the notion that the resemblance was purely acci-It is one of many analogies between Burma and Java in architecture, arts, and manners, of which the history is unknown, though some of them doubtless came from India with the religion which was once common to both. One idea struck me after seeing the Burmese edifice, which I will mention. is, that both it and the Boro Bodor were meant, in a way, as symbols of the great World-system of the Buddhists, Mount Maha-Meru surrounded by its seven concentric ranges of mountains. Nor is this inconsistent with Mr. Fergusson's theory of Boro Bodor. For these monasteries themselves were probably types of Mount Meru. In Tibet, we are told, "Every orthodoxly constructed Buddhist Convent Temple either is or contains a symbolic representation of the divine regions of Meru, and of the Heaven of the Gods, Saints, and Buddhas rising above it into the Empyrean of Nirwana." 2

The above passage had attracted Mr. Fergusson's attention, and some two years ago he requested me to obtain more particulars about the terraced structure at Mengún. I accordingly applied to my old friend Colonel Albert Fytche, who had recently succeeded Sir Arthur Phayre in the government of our Burmese provinces, requesting him to obtain some further particulars of the building, and if possible a photograph. Colonel Fytche took up the matter with characteristic energy and goodwill, and obtained from the intelligent assistance of Captain Sladen the memorandum which precedes these remarks, and two pho-

¹ Mission to Ava in 1855, p. 172.

² Koeppen, Die Religion des Buddha, ii. 262.

tographs of the structure. The papers, owing to accidental circumstances, reached me only a few days ago.

It will be seen that Captain Sladen confirms the suggestion that the Burmese Monument was specifically designed to represent Mount Meru, but he finds some difficulty in reconciling the existence of six terraces with the supposed symbolization of Meru and its five zones. The fact is, however, that there are, as I noted in 1855, and as Captain Sladen's own photographs very clearly show, not six but seven terraces. And it is seven that the subject which I imagine to be typified demands.

The details of the orthodox Buddhist Cosmography will be found in Mr. Spence Hardy's Manual (see pp. 3, 12 seqq.), but its essential features may be described in a few words. The centre of the system is Mahá-Meru, encircled by seven concentric ranges of mountains, which are divided by as many seas, and gradually diminish in height from the centre outwards. Round these focal ranges the heavenly bodies revolve. Between the last and lowest of these ranges and an eighth external range (called by the Singhalese the Sakwalagala) extends the salt ocean, in which are situated the great islands, or continents rather, of the inhabited earth. The Sakwalagala is the ring-fence and hoop of the whole system.

It is not, therefore, I apprehend, Mahá-Meru alone, distinguished into five zones, which is typified by this Burmese monument; but the whole system to its utmost bound. The Central Dagoba is Mahá-Meru; the seven terraces with their mountainous outline of parapet are the seven rocky ranges; the jungle-grown plain below is the circumambient ocean, wherein lie Jambudwípa and the other great islands; and Captain Sladen would perhaps have felt more confidence in the stability of his camera, had he perceived that instead of balancing it uneasily, "with fixed tripod in the scaly rind" of "the whale Ananda's back," he and it were planted on the Sakwalagala, the adamantine girdle of the Cosmos!

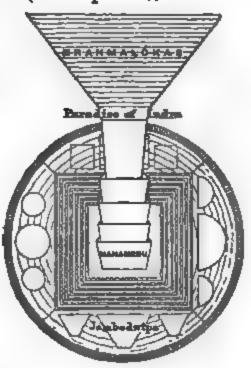
No better illustration of the subject can be given than the

¹ I desire here to express my obligation to both these officers for this interesting communication.

Tibetan representation of the Mundane system, which appears in Giorgi's Alphabetum Tibetanum (Pl. I. p. 472), and from

which I have made the accompanying reduction of the essential features. The text informs us that the original was done in colours by Yondé Lahuri, a Tibetan painter, in the Shaprang monastery at Lhassa.

What a strange parallel, one may observe in passing, is afforded by Mahá-Meru with its Terraces, the Paradise of Indra, that crowns it, and the many heavens rising in clime over clime far above it to culminate in the "Empyrean of Nirwana,"



Tibetan Mundane System.

to Dante's Mountain of Purgatory with its Seven Zones, surmounted by the Table Land of the Terrestrial Paradise, whence he ascends through the nine Celestial Spheres to the Vision of the Candida Rosa and the ineffable glory!

Though no other similar monument has become known to us in Burmah, it is probable that analogous symbols exist there in some form or other.

As regards Java, Buddhism, I believe, has left no record

Nay, how near to Dante's wonderful Image of the Great Rose even come the Visions of a Chinese Buddhist monk in the fourth century: "In the seventh month of the nineteenth year, at eventide, he again had a vision of the Holy ones. The form of Amita filled the span of Heaven; all the saints looked forth from the Halo that encompassed him. Moreover Yuanfase beheld a stream of water bright as light which fell from above, and parted into fourteen branches," etc. (Schott, uber den Buddhaismus in Hoch-Asien und in China, p. 99).

[&]quot;E vidi lume in forma di riviera Fulvido di fulgore intra duo rive Dipinte di mirabil primavera

E al come di lei bevve la gronda Delle palpebre mie, così mi parve Di sua lunghessa divenuta tonda

[&]quot;Si soprastando al lume intorno intorno Vidi specchiarri in più di mille soglie Quanto di noi lassa fatto ha ritorno."

⁻PARADINO XXX.

except in architecture and sculpture; it is unknown to surviving literature or tradition. But in the Island of Bali we find a curious transcript preserved, though blurred indeed and corrupted, of Javanese religion before the Mahomedan conversion; and there both Buddhism, of a sort, and Brahminism still exist. Now, it is curious with regard to the Meru symbolism, of which Boro Bodor is such a splendid instance, to find that a particular vestige of this symbolism still lingers abundantly in Bali. Mr. Friederich in his "Preliminary account of Bali," after speaking of sundry kinds of temples in the Island, proceeds:

"Finally, in every house there is a multitude of miniature temples called Sanggar (Sangga of Crawfurd). Among these you find a Meru, a temple with a succession of roofs rising pyramidally one over the other, which is dedicated to Siva. The apex of the Merus, as well as of the other little temples, is usually crowned with an inverted pot, or even with a tumbler, a circumstance that at first seemed to me strongly suggestive of Buddhism, for it looked like an adumbration of the cupola (or waterbubble), which is the distinctive mark of all Buddhist temples. The Sivaïtes will not, however, allow this, though they can give no explanation of such an ornament."

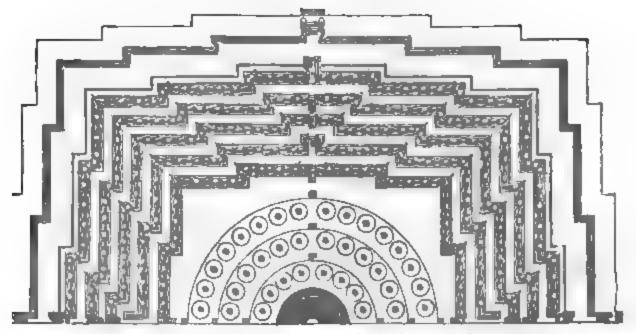
As accident has brought me to speak of Boro Bodor, I should like to recall attention to the very interesting observations of W. von Humboldt on the symbolism of that wonderful structure, with the view of eliciting information which I have not been able to obtain from any source accessible to me.

The construction of Boro Bodor is clearly shown in the woodcut at p. 535 of Vol. II. of Fergusson's History of Architecture. It is, omitting minutiæ, a pyramidal structure rising in seven successive terraces from a square base.

The first of these terraces is low, narrow, and without parapet, and is now covered with soil. The second terrace is higher and of considerable width, forming a basement for the

¹ In the Transactions of the Batavian Soc. of Arts and Sciences, Vol. xxii. p. 33. Captain Joseph Cunningham also alludes to the "Jain Models of Meru" (in Journ. As. Soc. Bengal, xvi. 755).

highly decorated structure which rises out of it. This consists of five successive terraces, each surrounded by an elaborate architectural screen, so that between every two of these screens there is formed a corridor running round the four sides of the building. The fifth terrace forms a wide platform, from which again rise three low concentric circular terraces, bordered by as many concentric rings of small dagobas. In the centre, a larger dagoba of about thirty feet diameter forms the apex and crown of the edifice.

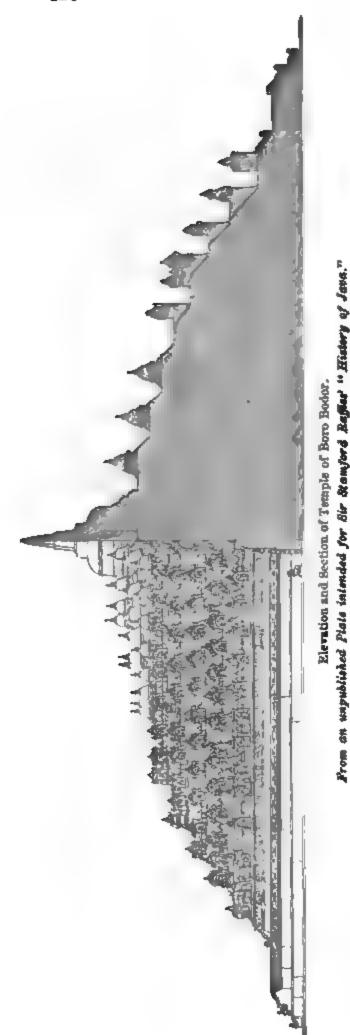


Plan of Temple of Boro Bodor. Scale, 100 feet to 1 inch.

In the outer face of each of the principal terraces are numerous niches crowned by miniature dagobas; and these niches have all been occupied by cross-legged Buddhas, whilst both sides of the corridors are carved in an astonishing series of sculptures.¹

The construction of the small dagobas, 72 in number, which form the three concentric rings, is very peculiar. They are hollow cages or latticed bells of stone, each of which contains a meditative Buddha immured, and visible through the diamond openings of the lattice.

The number of these niches is stated on the face of Raffles's plate as 136, a mistake for 436, which last number is that stated by Mr. Fergusson. But 436 would give an uneven number to each side (109), a circumstance inconsistent with the design. I make the niches by the plan to be 440, or 110 to the side. But it seems probable that the real number of niches, or at any rate of images, was 108 to the side, that being a number in high and sacred esteem among the Buddhists as well as the Hindus. It will be seen that the number of figures in the concentric circles above is 72 = f of 108.



In the Mengun pageda we see that all seven terraces and parapets are alike in character. But in Boro Bodor only the five principal terraces and parapets are of homogeneous character; the two lower terraces or steps seem only to form a plinth or platform for the monument. Probably, therefore, the type of the pyramidal structure here is that which Captain Sladen supposes to be represented at Mengún, viz., Mahá-Meru alone with its five zones; whilst the circular steps above represent what a former quotation terms "the Heaven of the Gods, saints, and Buddhas, rising above it into the Empyrean of Nirwana."

I will quote here the general remarks of W. von Humboldt on the types of Boro Bodor, which undoubtedly set forth the spirit of its symbolism, though probably his genius expresses it with a precision beyond the consciousness of the builders: "One

sees that the idea of the structure developes gradually from below upwards. In the six four-square terraces are set forth the innumerable Buddhas in living contact with the world and with men. Even that quadrangular form which presents the images of the Holy Ones respectively to the four quarters of the heavens is not without significance. With the introduction of the circle begins the reference to Heaven, and here also the symbolism recedes more and more from the corporeal. The bas-reliefs, with their groups and countless figures, disappear; the Holy Ones remain in their loneliness, severed from contact with the earthly, and in a position of the deepest abstraction. Access to them is closed; to the eye only it is open through the latticework. In the crowning Dome the Holy One himself has also vanished; all imagery ceases, and that which is hidden there even the eye cannot approach. Such a process of ascent from multiplicity and division to unity and indivisibility lies in all Buddhist symbol-The highest of the Three Worlds is styled the World without form or colour. And the incarnated Buddhas, supreme in all Three Worlds, lose in the highest even their names."1

The Buddhas of the Boro Bodor are represented in five different attitudes. Thus the immured ones all exhibit one peculiar action, and the images on each of the four sides of the pyramid respectively exhibit one peculiar action. The five attitudes are as follows:—

- 1. On the East side—The left hand rests, with the palm up, on the sole of the foot turned upward. The right hand hangs with the palm turned in, and in contact with the right knee (viz., the usual attitude of Gautama Buddha).
- 2. On the South side—The left hand as before. The right hand also hangs in contact with the right knee, but with the palm turned out.
- 3. On the West side—Both hands rest in the lap with the palms upwards.
- 4. On the North side—Left hand as in 1 and 2; the right hand raised from the wrist with the palm open and outward.

¹ Kawi Sprache I., 126.

5. The IMMURED FIGURES—Both hands raised opposite the breast, as in an attitude of teaching.

Humboldt comes to the conclusion that these five classes of figures represent the Five Celestial or Dhyáni Buddhas, belonging to a system which became known to Europe through Mr. Hodgson's memorable researches.

The attitudes in all cases, and the quarters of the heaven in the case of the four Boro Bodor figures which face those quarters, correspond to those assigned to the Dhyáni Buddhas by the Northern Buddhists.

The attitude of the Buddhas on the East corresponds to that of Akshobhya, who, in the Northern system, is the Regent of the East; the Southern attitude is that of Ratna Sambhava, the Regent of the South; the Western, that of Amitabha, Regent of the West; the Northern, that of Amogha Siddha, Regent of the North.

The attitude of the Immured Buddhas is that of Vairochana. This Dhyáni Buddha, according to Mr. Hodgson, is seldom seen; but when he is represented he is placed on the East, close on the right of Akshobhya. Pallas also assigns both of these personages to the East.

Those who have become acquainted with Buddhism in Burmah and Ceylon, where the books contain no trace of the Dhyáni Buddhas, will be slow to believe that those are the beings represented here, or that they were ever known in Java. And yet this last conclusion would be quite erroneous; for Mr. Friederich found the names of several of the personages of that system in a Sanskrit inscription from the temple of Tumpang in Java, and apparently executed about the twelfth or thirteenth century. He has also seen reason, in the alphabetic character used, to believe that the influence under which these remains were produced came from Gangetic India. Still the key of the symbolism of Boro Bodor must surely be that very singular

¹ Sammlungen, ii. 86. Pallas knows the names of these as "the Five Beneficent Burkhans." but not their character, apparently, as distinguished from the Earthly Buddhas, or their relation to these.

² In the province of Surabaya and district of Malang. There are various finely sculptured images also at this temple, which, from the descriptions given, appear to represent persons, male and female, of the Dhyani Buddha system (see Batavian Transactions, xxvi. 84-5).

device of the Caged Buddhas, so costly to execute, and yet repeated seventy-two times. And why should Vairochana occupy so distinctive a position?

Would not that be a more satisfactory and striking interpretation which Humboldt rejected, viz., that the four Buddhas, throned in their open niches and dominating the four sides of the cosmical pyramid, are the four Past Buddhas of this Kalpa, Krakuchanda, Konagamani, Kasyapa, and Sakya; while he of the upper dagobas is Maitreya, the Buddha of the Future, patiently abiding his development hidden in the heaven Tusita? To determine this, light is wanted on several points, which I have not been able to obtain. The chief of these points regards the characteristic attitudes assigned to the whole of the five human Buddhas.

I cannot find certain information in respect to any but Sakya and Maitreya. And it is remarkable that, in their cases, when we compare the characteristic attitudes of the Earthly Buddhas with that of these Dhyáni Buddhas, which are supposed to be the celestial reflexion of each, these do not correspond as we should expect.\(^1\) The earthly and heavenly couples are supposed to run as follows:—

Earthly —1. Krakuchanda. 2. Konagamani. 3. Kasyapa.

Heavenly-1. Vairochana. 2. Akshobhya. 3. Ratna Sambhava.

Earthly —4. Sakya. 5. Maitreya.

Heavenly-4. Amitábha. 5. Amogha Siddha.

Now the well-known attitude of Sakya is that which belongs not to Amitabha, but to Akshobhya; and the attitude of Maitreyas is that which belongs not to Amogha Siddha, but to Vairochana. I may add that there seems reason to suppose the attitude assigned to Kasyapa to be that which pertains to Amogha Siddha.

¹ This is noticed by Humboldt, u.s.

² See Pallas, Sammlungen, Vol ii, Plate iii., Fig. 1; and Plate ix., Fig. 2.

For Pallas assigns this attitude to Divongarra (Dipankara), "the Ruler of the preceding World-period," who, along with Sakya and Maitreya, forms the triad, called by the Tibetans Dissum Sanji, "The Three Lordly ones;" and in Mongol Gurban Tsagan Burchan, "The Three White Gods" (Sammlungen ii., 85). But, according to Schott, the third member of the group receiving these titles is not Dipankara, but the immediate predecessor of Sakya, or as Pallas himself says, "the Ruler of the preceding World-period," i.e. Kasyapa. So I suppose Kasyapa to have the attitude of Amogha Siddha, or of the northern figures of Boro Bodor (See Schott, Ueber den Buddhaismus, p. 40).

These characteristics would identify the Caged Buddha with Maitreya, which quite answers to the hypothesis; whilst the eastern figure would be Sakya and the northern one Kasyapa.

But in the only precedents I can refer to, viz., the Ananda temple at Pagán, and General Cunningham's description of the great Sanchi Tope, Sakya looks to the North and Kasyapa to the West. Is there then any precedent for the arrangement which would place Sakya to the eastward and Kasyapa to the North?

A third question will be as to the existence, on the Buddhas of Boro Bodor, of those distinctive symbols which Mr. Hodgson has brought prominently to notice. It would appear, from an allusion in his paper in vol. xviii. of the Society's Journal, as if he had identified some of these symbols on drawings of the Boro Bodor images; but I am not quite clear that this is meant, and I have no access to the former papers therein referred to. Indeed, I should not have presumed to touch these questions, in a position where I have so little access to necessary books, had not the receipt of Captain Sladen's memorandum given me so fair an occasion to bring forward the subject.³

A splendid work in illustration of Boro Bodor was in preparation eight or ten years ago at the expense of the Dutch Government, but I have never heard of its completion. If the figures of Boro Bodor should really prove to belong to the Dhyáni Buddha system, it is probable also that those figures sculptured on the exterior of the adjoining very remarkable Temple of Mundot, which I took for Brahminical divinities, really belong to the same system.

H. Yule.

Palermo, April 17th, 1869.

¹ I have not the "Bhilsa Topes," and do not know whether General Cunning-ham gives the characters by which he distinguished the different Buddhas. And unfortunately I made no note of the distinctive positions in the Ananda.

² I have not the Journal nor the Transactions of the Royal Asiatic Society accessible, but I have a copy of Mr. Hodgson's paper from vol. xviii., which he kindly sent me some years ago, accompanied by tracings of the Dhyani Buddhas and Bodhisatwas. It is well known, and indeed apparent from that paper. that he does not acknowledge the distinction so often made between Northern and Southern Buddhism. Even if the Java buildings proved to belong to the Dhyani system, however, it would not settle that question, as Friedrich's researches seemed to point to a movement from Bengal towards Java in the middle ages, which might have introduced the Dhyani system into the island without at all affecting the Indo-Chinese countries which received their Buddhism from Ceylon at an earlier date.

Note by J. FERGUSSON, F.R.S.

I have not the least wish or intention to dispute the theory put forward by Capt. Sladen and Col. Yule in their remarks, that the Senbyú Pagoda is intended to represent the mythical Mount Meru. I would, nevertheless, like to be allowed to explain that I think its peculiarities may be accounted for on much more mundane and less recondite grounds. The absence of any plan or section makes it a little difficult to speak with any certainty on the subject, but the photographs, with Capt. Sladen's descriptions, are probably sufficient to enable us to avoid any material error.

The central object at Senbyú will be easily recognized as one of those buildings to which we are accustomed to apply the names of Dagoba or Tope. If it contained a relic, the former designation would be correct; if it marked a sacred spot, or commemorated some sacred event, the latter would be the correct term. We do not in this instance know that it was erected for either the one purpose or the other, and it may therefore be designed to represent Mount Meru. If it does so, however, this is the first instance that has come under my notice of a Dagoba being so applied. There is certainly nothing in its external appearance that would lead any one to suppose that any difference existed between this one and the other Topes found so frequently in either Burmah or India.

Since the publication of General Cunningham's book on the Bhilsa Topes in 1854, we have become perfectly familiar with the form of Topes surrounded by detached rails. All that group are, or were, so enclosed; and from this and other examples, we may infer that the enclosing rail was an essential adjunct to the Tope. At Amravati the Tope was enclosed by two concentric rails, which still remain. My conviction is that there was a third, or inner rail, which has perished with the central building, but this is not important. In Ceylon, many of the Topes are surrounded by three concentric circles of pillars, which I do not doubt were the analogues of the continental rails. The temple at Boro Buddor, in Java, consists

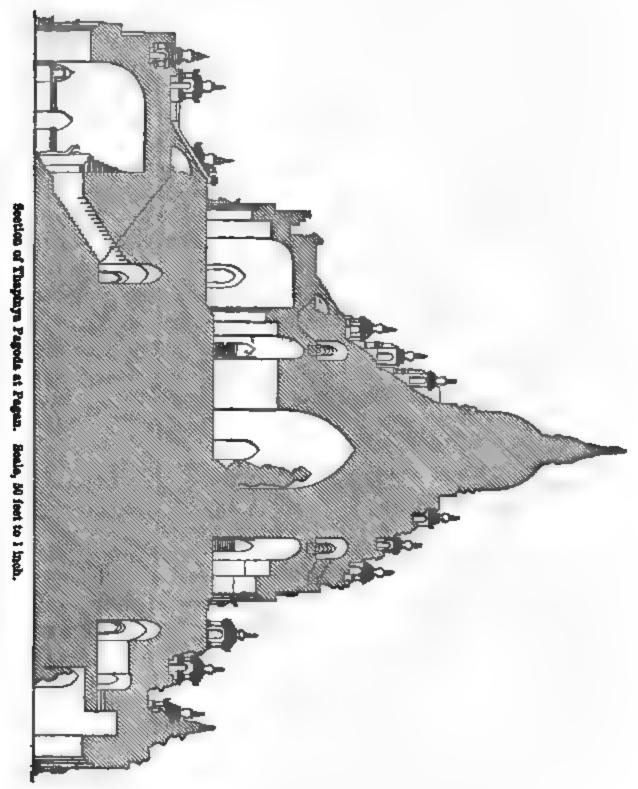
of a central group of Topes surrounded by five enclosures, which though square, or at least rectangular in plan, are in reality nothing but sculptured screens similar in purpose to those that surrounded the Amravati Tope. At Senbyú we have six, and in spite of the evidence of my senses, I believe that only six terraces were intended, though the photograph seems to show seven. The priests, however, may therefore have been right when they assured Capt. Sladen that the lower storey did not count. If this is so, then the Dagoba formed the seventh storey of the temple. For myself, I am quite content with the fact that we have here a Tope with six enclosing rails, without seeking for any further symbolism at present.

There is, however, another series through which we arrive at a similar conclusion, though by a different road. There are in Babylonia and Assyria a large group of temples of pyramidal form, consisting of terraces placed one above and within the other, and rising through three or seven stories. The temple at Mugheyr is the typical example at present known of the three-storeyed temples; that called the Birs Nimroud, of the seven-storeyed. But there are others at Nimroud in Assyria, and at Khorsabad which have similar arrangements, and the seven walls of Ecbatana, alluded to by Col. Yule were no doubt reminiscences of the same forms. In my "History of Architecture" (ii. 518), I pointed out the connexion between the buildings on the banks of the Euphrates with those on the Irawaddy, long before I was so familiar with the subject as I now am, and every subsequent discovery has only seemed to confirm me in this conviction.

The Sat Mehal Prásáda at Pollanarua was a seven-storeyed Pagoda in every respect analogous to these. The Maha Lowa Paya at Anuradhapura one with nine storeys. So was the temple at Boro Buddor which was also of nine storeys. But the temples most in point are those at Pagan. All the larger temples there, the Ananda, the Thapinyu, the Gaudapalen are seven-storeyed, —six terraces and a ziggarat, or cell,

¹ Yule's "Mission to Ava," p. 35 et seqq. See also my "History of Architecture," II. 516 et seqq.

with a spire at the top. These, it is true, are all square, or at least rectangular. This one at Mengún is circular, but that distinction is really of little importance, and to my mind the difference between the two is only what we should expect from



the six or seven centuries which have elapsed between the dates of their erection. One other point in these Senbyú enclosures deserves notice. It is their wavy or serpentine

form. It may sound fanciful, but my impression is, that it is really intended to recall the form of a serpent. At least, at Nakon Vat in Cambodia, all the ridges of the roofs and all the borderings of the pathways, were wavy serpents, generally seven-headed, but with the bodies of real snakes. Here it is so conventional that without the knowledge of what happened further east we should not dare even to suggest such a theory.

To my mind the most interesting peculiarity of the Mengún Pagoda is that it forms a connecting link—which has hitherto been missing—between the square and circular forms of these seven-storeyed Pagodas. With the assistance it affords I now see—dimly it must be confessed—the outline of the whole series, from the temple at Mugheyr to the present day. Many of the links in this series are still wanting to our knowledge; but I have no doubt that they exist, and I feel confident that as photography spreads we shall soon be furnished with the required information. When this is obtained we shall be enabled to write one of the most curious and interesting chapters which remain to complete our knowledge of the history of the ancient architectural forms of Southern Asia.

Some Remarks upon Col. Yule's Notes on the Senbyú Pagoda at Mengún. By C. Horne, F.R.A.S.

With reference to the interesting account of the Senbyú Pagoda at Mengún, read at the last meeting of the Royal Asiatic Society, and more particularly with reference to the remarks by Col. Yule on the Buddhas of the Boro Bodor, I would, with the greatest deference to the writer, beg to offer some suggestions derived from personal observation of the manner in which many groups of figures of Buddha (Sákya Muni) are sculptured in Bengal and the North-West Provinces of India.

First, as to the number of times of representation. I may remark that the ceiling of the interior of the great tope or tower of Budh Gaya is divided into many hundreds of little spaces, in each of which Sákya Muni in his conventional atti-

tude is represented. If I remember rightly, the ground-work is of a pale yellow, whilst the figures are of an uniform ochreous brown. There is, however, no variety of position in the figure, and I believe that Gen. Cunningham ascribes the ceiling to about 1100 A.D. The painting is very much faded, and the ceiling of a much later date than the body of the building.

Secondly, as to the positions of the figures. I have before me a small square memorial stupa from Buddh Gaya, of no great antiquity, but evidently copied from a more ancient one, surmounted by a tapering finial of nine circles, upon the sides of which are depicted in relief, in niches, four of the favourite positions in which that great social reformer is often sculptured, viz., begging, expounding, blessing, and contemplating. To these is often added a recumbent figure of Buddha entering "Nirvána," or annihilation; and often one of Máyá, his mother, holding the Sál tree at the time of his birth.

- 1. On the stone in question. To the East (I say East, although the sides are all precisely the same, because there is an inscription on it beneath the figure, and because the principal sides of every Buddhist erection, as far as I am aware, faced the East; and, thirdly, because Buddha is there represented as blessing), is a sitting figure of Sákya Muni in the act of blessing, both hands being raised before him with joined palms, turning outwards, and the soles of the feet turned upwards, showing the chakra upon them.
- 2. To the West, or opposite side, Buddha is expounding or demonstrating, with the hands in close proximity, and the soles of both feet still upward, as in the first position.
- 3. To the North, he is sitting contemplating in the position as described in posture No. 1. of Col. Yule, viz., the left hand lying, palm upwards, open on the right upturned sole; whilst the left hangs down on the right knee, palm inwards.

4. To the South, he is sitting with his hands folded one over the other in his lap, i.e. between his heels (or in some other stones that I have seen, on both the upturned soles), supporting his begging pot.

I have never heard it contended by any one that these various figures, or rather positions of the same figure, represent different Buddhas, nor do I think it likely that they do so; but that they are merely as I remarked in the commencement, different attitudes of Sákya Muni, in which that of teacher occupies the most prominent place.

The suggestions which I would therefore wish to throw out are—1. That the numerous figures of Buddha on the Pagoda of Boro Bodor all represent the same person. 2. That the building was erected in honour of Buddha, the teacher, as he sat "Turning the wheel of the Law," or expounding his doctrines, or in the act of blessing.

- The attitude No. 1 of Col. Yule would then represent Buddha as in contemplation under the Bo tree.
- No. 2 would represent him expounding.
- No. 3 would show him as a mendicant, for I find the begging pot to be often omitted, although it is placed in the general representation of Buddha in all Thibet (vide Capt. Austin's paper, J. A. S. of Bengal, vol. xxxiii., p. 152).
- No. 4 would represent him in the act of blessing, whilst the principal or immured figure is either in the act of teaching or perhaps blessing.

Gen. Cunningham, in his Bhilsa Topes, has shown the conventional method of expressing by the hands the act of teaching, viz., the placing of the first finger of the right hand in a peculiar manner on those of the left, which leads me slightly to doubt the certainty of "both hands raised opposite the breast as in an attitude of teaching" representing that act.

I have also seen standing figures of Buddha—generally with the begging pot, which holds so conspicuous a place in

his scanty accessories, and I cannot but believe that the one and the same person is represented in many ways.¹

¹ So far as my experience goes, the conclusions I have arrived at are entirely in accordance with Mr. Horne's suggestions. At Ajanta, for instance, especially in Cave 19, Buddha is represented in all these four attitudes, and so frequently, but with such similarity of form and emblems, that I hardly think it can be doubted but that one and the same person only is meant to be represented. The same thing occurs at Kenheri and elsewhere in the western caves, yet I never heard it suggested that these figures were intended to represent any other person than the one Sákya Muni.—J. F.

UPPER NORWOOD, June 23, 1869.

ART. XI.—The Brhat-Sanhitâ; or, Complete System of Natural Astrology of Varâha-mihira. Translated from Sanskrit into English by Dr. H. Kern.

CHAPTER I.

Introduction.

- 1. Victory to the Allsoul, the source of life, the inseparable ornament of heaven, the Sun, who is adorned with a crown of a thousand beams like unto liquid gold!
- 2. After studying the subject matter which former Seers have revealed with infallible truth, I purpose to treat of the same in an easy style, and in verses neither too few nor too many.
- 3. Should any one think that an ancient work, as being made by Seers, is good, and that a book by a human author is not, (then I would fain ask) what difference it makes in the statement, however different the wording may be, if the thing told remain the same?² The Holy Writ is here excepted.
- ¹ The commentator, Utpala, takes प्रथममुनि as 'the first seer, viz. Brahma,' but यन्यविसार, not being identical with शास्त्रविसार, points to a plurality of infallible authors, although it is true that Brahma, the Creator, is, of course, the very first astronomer in the Hindu system. The word प्रथम does not necessarily mean 'first.'—Cf. v. 5.
- ² To understand Varâha's meaning, one must bear in mind that the Rshis, Munis, in a technical sense, are superhuman beings. They are no more men than, e.g. angels, devils, Vidyâdharas, Râkshasas, etc., are. In enumerations of the various beings, they are classed apart from men, devas, demons, etc., e.g. Sarvadarçana-Sangraha, p. 98, l. 20: देवदेखम् निमानवाद्यः. Rshis and Devas, however, get often confounded, because both are manifestations of light, as stars, the sun, planets, lightning, the hearth-fire, etc., or rather the spirits, the

- 4. Whether the words run thus: "The week day presided over by Mars is not auspicious," as we read in the work issued by Brahma; or thus: "Tuesday is an unlucky day;" what (real) difference is there in the two works, one of which is made by a man, the other by a heavenly being?
- 5. Having taken notice of the numerous works that have come from Brahma, etc., in succession, I now undertake this composition. My aim is to give an epitome of those works.
- 6. Once this world was darkness (chaos). On its waters was a golden egg of light, one half of which was heaven, the other earth. In it Brahma was born, the maker of all things, he whose eyes are the Sun and Moon.
- 7. Kapila declares Matter, Kanada Substance, etc., to be the cause of the universe; some proclaim that Time, others that Spontaneousness, others again that Action is the cause.¹

spiritual powers of those manifestations. It would be difficult to decide whether Agni is a deva, or a rishi, kavi; indeed, he is now the one, then the other. A curious passage is found in Mahâbhârata (ed. Bombay), xii. 210, 21, where Gârgya (another form of Garga), the celebrated mythical astronomer, is mentioned:

नान्धवं नारदो वेद भरदाजो धनुर्गहम् । देवर्षिचरितं नार्म्यः क्रष्णाचेयसिकित्सितम् ॥

Here is devarshicaritam, the mythological phrase for jyotishamgati. Garga himself is clearly a meteoric phenomenon; see, e.g. Mahabh. vii. 190, 34:

सिकताः पृत्रयो गर्गा वासिख्या मरीचिपाः। भुगवो - क्रिरसदीव मुखाखान्ये महर्षयः॥

This is pretty clear, at least to all who have no preconceived notions, and have taken the pains of spelling the alphabet of mythology before they ventured into its higher regions. It would seem that garga originally denoted 'thunder, lightning,' as a derivative from garj. It is the masculine form of $\gamma \circ \rho \gamma \circ \omega$. When real men, as Panini, are called Rshis by posterity, it is honoris causa; and this is natural enough, because rshi, muni, kavi, have, besides their technical meaning, the more general one of 'seer,' 'a wise man,' 'poet,' notions which are constantly used as synonyms in Sanskrit and other languages.

¹ Although the six categories (padartha) of Substance, Quality,

- 8. But enough of this; for to decide all incidental questions would require too much time. Here I have only to determine what the divisions are of the Jyotihçâstra, or Science of the Stars.
- 9. The Jyotihçâstra, treating of several subjects, is contained in three branches. A complete course of it is termed by the Seers Sanhitâ. In one branch are to be found the motions of the heavenly bodies, as determined by calculation: this is called Tantra, or doctrinal part. The second branch is Horoscopy, or the casting of the horoscope. Something different is the third branch.
- 10. The retrograde and post-retrograde motion,² the heliacal setting and rising, etc., of the five planets, are expounded by me in my work on mathematical astronomy. I have also copiously treated the nativity, which is contained in the "Horoscopy," and along with it the prognostications for marching and weddings.
- 11. Whilst omitting questions, answers, tales, which are of little use, the origin of the planets, and other futile things, I shall set forth what is essential and real in all points.

Action, Generality, Speciality, Inherence, are the foundation of Kanada's System (see Vaiç. Sût. 1, 4), they are nowhere said, at least to my knowledge, to be the cause of the universe. It appears that the statement of our author is not accurate. Those who represent Time to be the first cause are, as Utpala rightly observes, the mythologists (paurānikās). He quotes a well-known verse from the Mahâbh.:

कालः सृवति भूतानि कालः संहरति प्रवाः। कालः सुप्तेषु वागर्ति कालो हि दुरतिक्रमः॥

Spontaneousness is the cause, according to the Laukâyatikas; Action, in a collective sense, according to the Mîmâńsakas, or followers of the Pûrva-Mîmâńsâ. Their tenet is shortly expressed in these words:

पूर्ववद्यार्वितं यत्तु कर्म पुंसां सुभासुभम्। तदेव सर्ववद्गुनां सृष्टिसंहारकारणम्॥

From this, however, it does not necessarily follow that the material world, too, is an effect of Action.

¹ See Pref. to the text, p. 23.

² On anuvakra see Indische Studien, x. p, 205, seq.

CHAPTER II.

Astrologer's Vade-mecum.

We shall now proceed to give an exposition of the astrologer's vade-mecum.

An astrologer ought to be of good family, friendly in his appearance, and fashionable in his dress; veracious, and not malignant. He must have well-proportioned, compact and full limbs, no bodily defect, and be a fine man, with nice hands, feet, nails, eyes, chin, teeth, ears, brows, and head, and with a deep and clear voice; for generally one's good and bad moral qualities are in unison with one's personal appearance. Now, good qualities in a man are, that he is pure, clever, free, eloquent, ready-witted, able to discern time and place,2 good in the highest sense of the word; not timid in society, unsurpassed by his fellow students, skilful, not addicted to bad passions, well versed in the arts of expiation, of procuring prosperity, of incantation, and of anointing;3 further, that he is regular in worshipping the gods, in his observances and fasts; that he is able to raise the prestige of science by the wonderful perfection of his branch of study, and to solve satisfactorily any question, except in cases wherein supernatural agencies baffle human calculation; finally, that he knows both text and meaning of the works on Mathematical astronomy, Natural astrology, and Horoscopy.

- ¹ The edited text has सम: सु॰, which is wrong; read समसु॰.
- ² Utpala explains देशकासविद, as though it applied only to astrology, but it is more likely that the word must be taken in its more general sense.
- ³ Since the translation gives an inadequate idea of the terms used in the original, the comment on it is copied here in full:

उत्पातप्रतीकाराधं वेदोक्तमन्त्रपाठिविनियोगानुष्ठाता श्वानिकविद्याः । आयुर्धनादिष्वधिकरणं पौष्टिकविद्याः तद्भिष्यः । क्रत्यविताः क्षोत्यापनमारणोद्याटनविद्वेषणवश्चीकरणस्वभनचालनादिकमभिचार-विद्याः तद्भिष्यः । स्नानविद्यासु नित्वनिमित्तिकवाम्यक्रियाङ्गास्वभिष्यः पुष्टकानादिषु वेत्ता ॥

As to Mathematical astronomy, he must know the divisions of heaven and of time, in ages, years, half-years, seasons, months, half-months, days, watches, hours ($\frac{1}{30}$ of a day), half-hours, minutes, respirations, moments, subdivisions of a moment, etc., as taught in these five Siddhantas: the Paulica,

¹ Comm. यामो - होराचाष्टभागः । मुह्नर्ती - द्वः (i.e. here a half nycthemeron) पद्धद्यांगः । नाडी घटिका चहोराचववंगः । प्रावः चासनिर्गमप्रवेशौ । पुटिचपुर्गिमेषद्वयम् । पुव्यवयवद्यदर्धः । तचाच भगवान्पराश्चरः ।

यावता कालेगाविक्वतमचरमुद्यार्थते स गिमेषः। गिमेषद्वयं चृटिः।
चृटिद्वयं सवः। सवद्वयं चयः। द्य चयाः काष्ठा। द्य काष्ठाः कसा।
द्य कसा गासिका। नासिकाद्वयं मुह्नतः। निम्नसुह्नता दिगमिति।
According to this system there is no connection between the division of time and that of the circles of heaven. The system in which both divisions are made to correspond with each other may be held to be a fruit of the introduction of Greek science. It is given by Utpala as follows: तच (in another system than Paraçara's) कासचेच्योः साम्यं तद्या। कासे घट प्राचा विघटिका। विघटिकानां घट्या घटिका (the same as नाडी or नासिका)। घटिकानां घट्या दिनम्। दिनानां चिम्रता मासः। मासा द्वाद्वय् वर्षे भवति॥ अथ चेने घट्या तत्पराचां विस्ता भवति। विस्तानां षट्या सिप्ता भवति। सिप्तानां षट्या सिप्ता। भवति। विस्तानां पट्या सिप्ता। भवति। सिप्तानां पट्या सिप्ता।

प्राणि िनाडिका (स्वात्?) षद्भिष्ठिका विनाडिकाषच्या। घटिकाषच्या दिवसी दिवसानां विंशता मासः॥

मासा द्वाद्य वर्षे विवलालिप्तां प्रराशिभगणानाः।

चेचिवभागसुच्यः कालेन विनाडिकाचेन ॥

तथाच पौलिशे।

षद प्राणासु विनाडी तत्षच्या नाडिका दिनं षघ्या (viz. n&dik&n&m)। दिवसास्त्रिंश्रकासो मासैसीदीदश्भिरब्दः॥

षच्या तु तत्पराणां विकला तत्षष्टिरपि कला तासाम् ॥

षच्यां ग्रसीस्त्रं ग्रद्रा शिसे दादश भचक्रम ॥

Moreover Aryabhața (Siddh. 3, 3), is quoted.

Romaka, Våsishtha, Saura, and Bråhma Siddhåntas. He must know the reason why there are four kinds of monthsthe solar, natural, stellar, and lunar months,—and how it happens that there are intercalary months and subtractive days. He must know the beginning and end of the Jovian cycle of sixty years, of the lustrums, years, days, hours (1/24 of a day), and their respective lords. He must be able to explain in what respect the reckoning after solar time shows similarity or difference, compared with the lunar, stellar, and natural reckoning of time, and to what use each of these is adapted or not. And when there is discrepancy between the Siddhantas, he must be able to prove experimentally, by means of the agreement between the shadow and the clepsydra, between observation and calculation, at what moment the sun has reached the solstitial point, and at what time of the day (alias, at how many ghatikas) the sun enters the prime vertical.2 He must know the cause of the swift and slow motion, the northern and southern course, and the moving in an epicycle of the sun and the other planets. He must foretell the moment of commencement and separation, the direction,

¹ For षाधमास see Siddh. Çirom. (p. 49, 22, and 271, ed. Båpû-Deva); cf. Sûrya S. Trans. i. 40, note. For प्रवमाणि (a plurale tantum) see Siddh. Çirom. p. 272 and 22. Utpala says concisely: ग्रामाण-सावणमाण्योरकाराद्वमोत्पत्ति: । चान्द्रं माणं यावत्सावणमाणेण मीयते ताविक प्रतिवर्ष षद् दिणान्यधिकतराणि ण पूर्वते । तान्ध-वोणराचवाच्याणि तिचोणां न्यूणता - वमाणि । From the Bråhma. Siddh. is quoted: ग्राभिसावणदिवसानारमवमाणीति.

¹ The translation follows Utpala, who divides the sentence in this manner: सयनयोई सियोत्तरयोथी निवृत्ति निवर्तनम् । तसा सिप प्रतिपादने कुश्रसः । तथा सममण्डसरेखासम्प्रयोगाश्वदितांशानास प्रतिपादने कुश्रसः । तथा सममण्डसरेखासम्प्रयोगाश्वदितांशानास प्रतिपादने कुश्रसः । There would have been more symmetry in the style if the author had written: निवृत्तेः (viz. प्रतिपादने). It is, after all, quite possible that the manus auctoris really is निवृत्तेः. Instead of हायावस्यनः the Comm. reads हायायनः, and explains accordingly हायया तात्वासियया। यन्त्रस चन्नभनुसूर्यगोसयष्टिश्रक्रघटिका-कपास्तरीपोठैः कासपरिक्ट्दिः।

measure, duration, amount of obscuration, colour, and place (where visible) of the eclipses of sun and moon; also the future conjunctions and hostile encounters of the nine planets. He must be skilful in ascertaining the distance of each planet from the earth, expressed in yojanas; further, the dimension of their orbits, and the distance of the places on earth, in yojanas.1 He ought to be clever in geometrical operations and in the calculation of time, in order to determine the form of the earth, the circuit of the circle of asterisms, etc.; the depression of the pole, the diameter of the day-circle, the ascensional differences in time, the rising of the signs, the ghatikas corresponding to the shadow of the gnomon, and such like processes. If, moreover, he knows how to speak pithily, because he thoroughly understands all sorts of captious questions; if the science he expounds, by being put to the test by his own exertion and unceasing study, has become more refined—like gold is rendered purer by being put on the touchstone, by purification in fire, and by careful workmanship—then he may be said to be a scientific man.

It has been said:

- 1. "How can one who solves no difficulty, nor answers any question, nor teaches his pupils, be styled a scientific man?
- 2. The ignorant person who knows the words wrongly, interprets the sense wrongly, and performs the operations wrongly, may be compared to one who praises his grand-mother in presence of his grandfather on account of her meretricious arts.
- 3. The words of one who instructs will not be sterile if he thoroughly understands his science, accurately knows the rising of the signs by means of the shadow and the clepsydra, and is familiar with the contents of the Horoscopy."

¹ Here is a part of the Commentary: प्रत्येकग्रहस्य अमणे योजनानि तेषां परिच्छेदे विज्ञाने भूकः । यथा अमुको ग्रह एताविद्धयोजनेर्भू-गोलादुपरि अमति । ग्रहयोजनकर्ण जानातोत्यर्थः। तथा कस्याप्रमाण-परिच्छेदकुश्रलः । अमुकस्य ग्रहस्तितावन्ति कस्यायोजनानि । मध्यूमो ग्रहो यत्र अमति तहुत्तज्ञानिमत्यर्थः ॥ The word कर्ण denotes here the 'half-diameter.' It has been said also by the most honourable Vishnugupta:

4. "A sea-faring man may, owing to the wind, possibly reach the opposite shore of the ocean, but never will any one, unless he be a Rshi, reach, even in his thoughts, the other side of the ocean called 'Time.'"

In Horoscopy are the following topics: the power or weakness belonging to the signs, half-signs, third-parts, ninthparts, twelfth-parts, and degrees; the determination of the
power of the seven planets, which is various, as depending
upon the direction, the place occupied, the moment and the
contention; the temperaments, bodily elements, substances,
caste, and sphere of activity, etc., that belong to the department of each planet; conception, time of birth, prognostication of prodigious accessories, instant death of the child,

¹ The compound arayes means 'time-person,' i.e. 'time-personified,' which in English is simply expressed by writing Time with a capital.

² On these terms Varâha-mihira dilates (Brh. Jât. 1, 5-20, and Laghu-Jât. 1. 8-20, in Ind. Studien, ii. p. 278-82).

An explanation of these terms is also met with in the Brhajjatakam, viz. of दिरवस in 2, 19; of कासवस in 2, 21; of विष्टावस or चेष्टितवस in 2, 20.

^{&#}x27;As to प्रकृति, that is, वातिपत्तक्षेत्रात्मकात्मकां, see Brh. Jat. 2, 8; for धातु, i.e. वसासुभांसमेदो-स्विमकानुकाणि, see 2, 11; for द्रवा, तासादि 2, 12; for धाति 2, 7; चेष्टा (explained by विनियोग 'employment,' has the more general sense assigned to it in the translation); see 2, 1, from the words राजानी रविश्वीतगृह आ?.

Utpala renders स्वास्तां with दिश्याय:; that is to say, the sadyomaraṇam, 'instant death,' is treated in the chapter on दिश्या 'fatal signs,' chapter 6 of the Bṛhaj-jâtakam, दिश्याय:. That only rishṭa. and not arishṭa, can have this sense, is a matter of course. Nevertheless, we often meet with परिष्ठ in the MSS., where is required; and not only scribes, but even some authors, seem to have confounded both words, as appears from Indian lexicographers (see Dict. by Böhtlingk and Roth, s.v. परिष्ठ). The erigin of the rather strange confusion must be a mis-read परिष्ठ, which means the same as रिष्ठ.

duration of life, destiny and intervening changes of it, the most favourable combinations of planetary positions as may exist in theory, the constellations under which kings are born, the lunar constellations, the constellations formed by only two planets, etc., the celestial constellations, etc., and the consequences of all these; descent and character, the planetary aspects, manner of death, state after death, state in a former birth; the good or bad symptoms at the moment of consultation, the calculation of a lucky period for weddings and other ceremonies.

In the Yâtrâ, or work containing prognostics for marches, is treated of: good or evil dates, week days, karaṇas, hours (of 48 minutes), the horoscope, constellations, trembling of the body, dreams, the anointment for securing victory, the sacrifice to the planets, the offering to the goblins, the fore-tokens of the fire, the gestures of elephants and horses, the talk and spirit of the troops, the measures of policy in conformity with the forebodings of the planets, the auspicious and evil auguries, the ground for encampments, the colour of the fire, the use to be made, after circumstances, of ministers, spies, envoys, and savages, and the expedients for taking the strongholds of the enemy.

By a great master has been said:

5. "The teachings of one whose theoretical and practical knowledge of astronomy² has, so to say, spread abroad everywhere, and is engraved, as it were, in his thoughts, and fixed in his heart, are not fruitless."

An astrologer must also be accomplished in natural astrology, in which the following matters are contained: the

¹ All these subjects form the argument of Brhaj.-jat., from chap. 3 to 25. The word सन्क has here the meaning expressed in the translation; सनुका क्रिनेहातीतज्ञाचित, says Utpala on Brh. Jat. 25, 13.

² Comm. यस शास्त्रं यन्त्रः सभगणं भगणज्ञानेन सहितं संयुक्तं गणितेनेत्वर्धः. The addition of ganita is not exact, for this is contained in çdstram, the theoretical part of the science. The word निषक्तम् in the text has to be changed into निषक्तम्, in spite of all MSS. The error is very common, yet an error, and a ludicrous one.

course of the sun and of the other eight planets, and, during it, their natural and unnatural symptoms, their size, colour, brightness of the rays, their shape, risings and settings, their roads and deviations, their retrograde and post-retrograde motions, the conjunctions of planets with asterisms, their course through the asterisms, etc., as well as the respective consequences for the different parts of the globe; the course of Canopus, the course of the Seven Seers (Great Bear), the division of things as belonging to the domain of each planet, the same as appertaining to the domain of each asterism, the conjunction of the five planets in the figure of a triangle, etc., the planetary war, the conjunction of the five planets with the moon, the effects produced by the planets on the years presided over by them, the symptoms of pregnancy of the clouds, the conjunction of the moon with Rohini, with Svati, with Ashâdhâ; the forebodings of instant rain, the conclusion to be drawn from the growth of flowers and plants as to the produce of trees and crops, the mock-sun, the halo, the cloudy line piercing the sun's disc at rising or setting, the wind, the meteors, the glow of the sky, the earthquake, the glowing red of twilight, the Fata Morgana, the dust rain, the typhoon, the cheapness or dearth of the products of the earth, the prognostics for the growth of corn, the banner of Indra, the rainbow, architecture, palmistry, the auspicious or ill-lucky movements of crows, the augural circle, the movements of wild beasts, of horses, the circle of winds, the good or bad signs of temples, of statues, the consecration of statues, the treatment of trees, the observation of the soil for finding veins of water, the lustration, the sight of wagtails, the allaying the influence of portents, miscellaneous matters, the anointment of a king;1 the signs of swords, of ornamental goldplates, of cocks, of tortoises, of cows, of goats, of horses, of elephants, of men, of women; reflections on womankind; the

¹ The ceremony denoted here by the term चूतवास्त्रम् is commonly called पुछल्तानम्; see ch. 48, v. 3, and Var. Lect. The ceremony is styled ghṛtakambalam, because ghee is poured over the king by the priest, which being done, the former has to put on a kambala.

prognostics of boils, of shoes, of torn garments, of chowries, of umbrella-sticks, of couches and seats, the examination of jewels, the foretokens at a lamp, the good or bad signs of tooth-sticks, etc., such as occur in common life to every body as well as to kings,—all these things have every moment to be considered by an astrologer with undivided attention. And since the symptoms cannot be observed uninterruptedly by one man, an astrologer, if well paid, ought to keep in his service four other persons conversant with the science. One of them should observe the east and south-east, another the south and south-west, a third the west and north-west, and the last of them the north and north-east,—for meteors and other omina appear suddenly, and produce effects by their form, colour, glossiness, size, by their touching planets or stars, etc.

Thus has been said by the great Seer Garga:1

- 7. "The king who does not honour a scholar accomplished in horoscopy and astronomy, clever in all branches and accessories,² comes to grief.
- 8. Even those who, free from egotism and without anything to care for, lead a hermit's life in the wilderness, consult the man that knows the motion of the stars.
- 9. As the night without a light, as the sky without the sun, so is a king without an astrologer; like a blind man he erreth on the road.
- 10. If there were no astrologer, the hours, dates, asterisms, seasons, and half-years, would all be confused.
- ¹ Garga is represented as the astrologer of king Vainya, whose domestic priest was the planet Venus, and whose ministers were the Valakhilyas. See Mahabh. xii. 59, v. 110 seq., and cf. note to ch. 1, v. 3, here before.
- ² Utpala defines anga and upanga clearly and concisely: यहनचन्। शीनाश्रित्य यदुत्रां तान्यङ्गानि । परिशिष्टान्युपाङ्गानीति । To the paricishtani belong, for instance, the purushalakshanam, the ratnolakshanam, etc. Garga, as quoted by Utpala, puts it thus:

यधिष्ठत्व यहर्चादि वयतो येन निययः। तद्युमुत्तमं विवादुपाष्ट्रं शेषसुच्चते॥

- 11. Therefore a king should consult a learned and eminent astrologer if he desire victory, glory, fortune, enjoyments, and happiness.
- 12. No one who wishes for well-being should live in a country where there is no astrologer, for where he is the ever-watching and all-foreseeing eye, there no evil will be found.
- 13. No one that has studied astrology can go to the infernal regions; nay, in the divine world of Brahma the divinator obtains a place.
- 14. The twice-born, who knows the whole, both text and interpretation, deserves to be the first in touching food at a Srâdh, and honoured as purifying the company by his presence.
- 15. The Greeks, indeed, are foreigners, but with them this science is in a flourishing state. Hence they are honoured as though they were Rshis; how much more then a twiceborn man, if he be versed in astrology.¹
- ¹ The commentator quotes from an unknown work the following characteristic stanzas which purpose to explain how it happened that the astronomical dgama had been preserved in so great purity amongst the Greeks:

यकानवेद्राय मयाय सूर्यः शास्त्रं ददी सम्प्रणताय पूर्वम् । विष्णोर्वसिष्ठस महर्षिमुख्यो स्रानामृतं यत्परमाससाद् ॥ पराश्ररसायधिगम्य सोमाद् गुद्धं सुराणां परमासृतं यत् । प्रकाश्रयासकृरस क्रमेख महर्षिमको यवनेषु तत्ते ॥

That in this passage the Sun is represented to be the fountain head of astronomical science, and in other passages the Creator, is quite natural, because the Sun and Brahma (Hiranyagarbha) are identical. The word सचित्र means simply 'Producer, Creator,' and सवजन 'Creation,' and because the creation of the world is only a generalization of the Sun's rising every morning, सवजन denotes 'morning;'

- 16. A person who frames predictions, basing them on pretended revelations (from an unseen voice) to his ears, and sealing (?) (the trustworthiness of) these by entering deceitfully statues, etc. (from whence he emits sounds as a would-be oracle); such a person ought in no case to be consulted: he is no diviner.
- 17. A person who without knowing the science exercises the profession of astrologer, is a wicked man, and a disgrace to society. Consider him to be a mere star-gazer.
 - 18. Everyone that acts according to the star-gazer's advice,

from this savana is derived सावगदिंग, etc., i.e. 'a day reckoned from sunrise to sunrise, a natural day.' In Bactrian also havana is 'morning.' Another derivation from su is साम 'the produced, i.e. not original, borrowed light;' therefore the Moon is called साम, Bactrian haoma, whereas the producer of light, the unborrowed light, is सामा, the Sun. As to Vishņu this also is another name of the Sun. Therefore the hymn, in Rgveda x. 90, that is a hymn to the Sun, is called Purusha-sûkta, the hymn to Purusha (alias: Vishņu). Cf. Colebrooke Misc. Ess. I. p. 26, seq. A parallel to the Purusha-sûkta is to be found in Mahâbh. xii. chap. 47; cf. chap. 200, v. 13, and chap. 280, v. 29.

¹ The scholiast seems to have misunderstood the word कर्णोपश्रुति. For comparison's sake here may follow the commentary: कर्णोपश्रुता करिकान्ति प्रसिन्धः । क्ष्मा (r. कर्या?) कर्णे यथेष्टं कथयति। लोके कर्णपिग्राचकिति प्रसिन्धः । कथा प्रष्टारो यचोपिनष्टाः स्थितास्त्रकथ्य आत्मीयं ग्रिपं विसर्क्य तेषां स कथां परस्परं क्रियमाणामाकर्णयति। तामाकर्का पितुर्विक्त यथा यस्त्रेदमभिज्ञानं तस्त्रेदं (भवता) वक्तव्यमिति । हेतुना तर्केणाग्र्यं बुद्धा । His explanation of कुहकावेग्र is thus: कुहकेनेन्द्रवासे (न in one MS.) प्रसना (v. l. प्रसेना) दिकेन। आवेग्रेन (देवता-दिप्रवेग्रनेन wanting in one MS.) पिहितः प्रसन्ती भित्त्यादिके न्थनर-स्थितो न्वक्तया वाचा सस्थायते। एतैः कुहकावेग्र्पिहितेः। The last words do not agree with the singular पिहितः above. It is doubtful whether the reading followed by Utpala, and perhaps by Varâha himself, be the original one. Garga's words may have been कुहकादि-ग्रिहितैः in which case the rendering would be: "on grounds of revelations, produced with deceitful announcements."

which is no better than a farce, goes to the realm of darkness along with the star-gazing charlatan.

- 19. A prediction by ignorant men is as useless as questioning a clod of earth at the town-gate; only that which proves true is held in estimation.
- 20. A person who frames his predictions by good luck, and, proud of his partial knowledge, delights in disputes¹ with the men of science, ought to be dismissed by the king.
- 21. But such a one as properly knows horoscopy, astronomy, and natural astrology, him ought the king to honour, and his service he ought to secure, if he be desirous of victory.
- 22. Not a thousand of elephants, not four times that number of horses, achieve so much as one diviner does, who knows the right time and the right place."
- 23. Evil dreams, evil thoughts, and deeds ill-considered and badly executed, soon vanish on one's hearing the harmony between the moon and the asterisms.²
- 24. Neither the king's own father, nor his mother, family, or friends, desire the welfare of him and his army so much as a trustworthy diviner does, who is naturally eager to increase his own reputation.
- ¹ The commentator explains सम्पत्ता with अर्थहानेन, but to whom and from whom money would be given? Farther he analyses the compound तिविच्छन into तद् and विच्छिन, remarking: तदिति च्योति:- गास्त्रं परामुखते; but the Jyotihçâstram not being mentioned in our passage, the pronoun tad cannot refer to it. The component parts are तिवद् and च्छिन, or, as another r. has, भिन्न. The latter means 'different from,' the former, 'cut, held in disrepute,' the verb च्छिड् being in some cases synonymous with हा.
- Learning or hearing the harmony between the moon and the asterisms,' means in prose, as Utpaia remarks, simply, 'being told the date of the month and the asterism (nakshatra) of the day,' तिथिणपर्च शुद्धा. The same idea, in other words, occurs in our author's Yogayatra, 2, 23, seq. (Ind. Studien, x. p. 170).

CHAPTER III.

The Sun's Course.

- 1. There certainly was a time that the southern progress of the sun began in the middle of Açleshâ, and the northern at the beginning of Dhanishthâ; for this is the statement of ancient works.¹
- 2, 3. Now-a-days the sun's southern progress commences at the beginning of Cancer, and the other at the beginning of Capricorn. Any deviation from this rule is unnatural, as may be rendered clear by experimental proofs, either by observing the sun at rising or setting by means of a mark placed at a great distance, or by marking the shadows entering and leaving in a great circle.²
- ¹ Cf. Colebrooke, Misc. Ess. ii. 465; i. 109. Weber, Naxatra, i. 311; ii. 354, seq. Sir W. Jones, As. Res. ii, 391, seq.
- ² The term चेंच, properly, 'piercing,' denotes here, as the popular expression 'shooting a star, the sun,' does in some European languages, 'pointing at a star to take its height,' etc; in short, 'observing.' In this sense ব্য occurs, for instance, in Siddh. Çirom. p. 16, p. 220, and p. 337, seq. ed. Bâpû Deva. It has been quite exactly rendered by Sir W. Jones, As. Res. ii. 392. Here is the commentary: दूरे तिष्ठतीति दूरस्थं। दूरस्थः तिश्वह्य दूरस्विष्ठं। तेन विधो दूरखचिह्रवेधः । तसाद्रुरखचिह्नवेधात्सइसांशोरादिखसीदय उदयकाले [-प्ययनचलनमन्वेषं। यतो मकरादावादित्वः प्रतिदिनमु-त्तरां दिशं याति। तथा कर्कटकादावास्थितः प्रतिदिनं दिशां दिशं याति । तेन दूरिक्षतं चिद्रादिकमुद्ये] - समये - चवा सवितु सिद्रं क्रला दितीये -पि दिने तरीव स्थिला पुनरपि विचारः कार्यः किमय-नचलननिवृत्तिर्जाता नवेति । एवं दिनसप्तकं यावप्तणितानतसङ्का-निकालात्राक् पञ्चाचान्वेषं किं सुरगणितागतसङ्कानिकासतुन्त्रा जाता किमादी किं पञ्चादेति। The words in brackets are not found in all MSS.; they are interpolated, as appears from with, which is out of On the observation of the equinoctial shadow Utpala dilates considerably; here is a part of his commentary: अवनी बृहदुत्तमुत्पाद दिगङ्कितं छला तक्यथे प्रङ्कं विन्यसेत्। तचच विषुविहिने सूर्योदया-

- 4. If the sun returns without having reached Capricorn, he brings ruin to the western and southern countries; if he goes back without having reached Cancer, then he destroys the north and the east.¹
- 5. By returning after passing the winter solstitial point, he brings safety and growth of corn; he follows then the natural law. It is when he takes an unnatural course that he causes danger.
- 6. When the being named Tvashtr² obscures the sun's orb, it not being the period of an eclipse, he destroys seven sovereigns and their people through war, fire, and famine.
- 7. There are thirty-three Ketus, sons of Râhu, called Tâmasakîlakas (i.e. 'opacous wedges'). When these are seen on the sun, one must foretell the consequences from their colour, place, and figure.

खमययोः प्राच्यपरारेखायां तस्त श्रङ्को रकाया पति । ततो यवायवाकी मिष्ठुनं याववाति तयातथाकी द्यकां क्षे छाया दिष्योन याति
प्राच्यपरारेखायाः। चस्तमये न्येवं। ततः कर्कटादी स्थिते न्वें प्रतिद्दिनं
कायोक्तरेख याति यावत्कन्यानं। इ॰ आ॰; then, about the time of the
equinox: चयनिवृक्तावासद्वायां तस्तिकाखं यसिन्प्रदेशे पूर्वाके
काया प्रविश्वति तम चिद्वं कार्य यमचापराके निर्वच्छति तमापि चिद्वं
कार्य। Thus also on the second day: क्षतिच्छ्योर्यदि साम्यमुत्पन्नं
तदा तिहने न्यनिवृक्तिरेव। तस्तां ज्ञातायां विचारयेत् किमयननिवृक्तिः करणागतसङ्कानिकासतुक्या किमादी कि प्रवादिति।

It is unnecessary to point out all the passages where our author represents physical impossibilities, although as portentous (何東行), still as possible. He mentions these out of reverence for the seers of yore, or, as Utpala puts it, 以有知识知识证明。Cf. chap, 9, v. 7.

It may be doubted whether the author exactly knew what the ancient authorities meant with स्टू. Paraçara, as quoted by Utpala, says:

अपर्वणि श्रश्चाकी लष्टा नाम महायहः। आवृणोति तमःश्वामः सर्वस्रोकविपत्तये॥

Apparently, it is another name for Râhu, but Varâha-mihira must have thought otherwise, for eclipses—possible and impossible ones—are treated in chap. 5.

- 8. They are baleful if they appear on the sun's orb, but propitious if they appear on that of the moon; yet they are bad even on the latter, if they bear resemblance to crows, headless trunks, and weapons.
- 9, 10. The symptoms of their being about to appear are: turbid water, a sky covered with dust, a violent wind shattering the tops of hills and trees and accompanied with grit, trees having an appearance as if the seasons were changed, wild beasts and birds vexed, a glowing sun. There are, then, also other uncommon phenomena, as whirlwinds, earthquakes, and others.
- 11. These phenomena exercise no peculiar influence if comets, the Tâmasakilakas or Râhu, are seen: one has only to tell the influence of the latter, because these are the cause of the former (viz., turbid water, etc.) appearing.
- 12. In every country where they are seen on the sun's disc, one may be sure that calamity befalls the king.
- 13. Then even holy men, attenuated with hunger, forsake duty and good behaviour, and get, with starved children at their hands, painfully to foreign countries.
- 14. The honest citizens are plundered of their wealth by robbers; their bodies are weakened, their eyelids swollen from incessant sobbing, and their eyes filled with tears of sorrow.²
- 15. Other people, starved, indignant at what they suffer at the hands of their own king and of foreign armies, give vent to their feelings in talking of the conduct of their king and the doings of the enemy.³
- ' 'Vexed,' दीप्त or प्रदीप्त, is an augural term. The vexation may be of different kinds. First and chiefly, animals are said to be 'vexed' when they are सूर्याभिमुखदिक्खा:. Further, when they emit hoarse sounds (पर्षर्वा:). For other kinds of vexation, see ch. 86, 15.
 - ² In the text r. बाष्प for वाष्प, and in v. 8, काबन्ध for कावन्ध.
- 'Utpala r. पुराक्ततम्. Here his words: श्रन्थे परे। एवं प्रज्ञविक्त श्रम्थान्त (not wholly accurate) यथा यत्क्रभासाभिरनुभूयते तत्पुरा पूर्व स्वचरितमात्मनार्जितं। नूपतिचरितं राज्ञा वा। श्रार्जतमिति । It being a matter of course for a Hindu, that यत्क्रभानुभूयते is पूर्व

- 16. The clouds, although they were in successful condition at the time of their becoming pregnant, give but little rain at the time of birth. The rivers get shallow; corn grows at but a few places.
- 17. If a staff in the sun is seen, the sovereign will die; if something in the shape of a headless trunk, there will be danger from sickness; if something like a crow, danger from robbers; if it be a peg there will be famine.²
- 18. The sun being marked with things in the shape of royal emblems, like umbrellas, banners, chowries, etc., causes a change in Government; if covered with sparks, smoke, etc., he destroys the people.
- 19. One of such figures brings famine; two or more tend to the ruin of the king. According as the colour of the figures whereby the sun is covered is white, red, yellow, or black, he hurts the castes severally.³
- 20. The danger approaches mankind from the same side as where these great portents show themselves first on the sun's disc.
- 21. When the great luminary, with beams turned upwards, is red, it destroys the commander-in-chief; when yellow, the king's son; and when white, his priest.
 - 22. Variegated, or smoke-coloured rays, cause the land to
- ज्ञतं, it would be unbefitting to mention this as something quite extraordinary. Moreover, the symmetry between the former and latter half stanza necessarily requires प्र. As to the meaning of आहत, cf. Daçakumâra, p. 94, l. 1 (ed. Wilson).
- ¹ The Garbhas are the fancied fetuses of the clouds, conceived in a certain period of the year, and born 195 days after the time of conception. See chap. 21.
- ² The method after which predictions are framed is simple enough. Since the staff, the sceptre, is a token of royalty, the appearance of it forebodes good or evil, according to circumstances, to the king. A crow, being known as thievish, points to theft. A peg is a means of shutting, and therefore denotes the closure of granaries.
- White is the colour of the Brahmans, red of the Kshatriyas, yellow of the Vaiçyas, and black of the Cûdras.

be disturbed by robbers and battles, unless it rain very soon.

- 23, 24. The sun is auspicious, when copper red, or russet, in the dewy season; yellow, saffron-hued in spring; pale, gold-coloured in summer; white during the rains; tinged like the calice of the rosy water-lily in autumn; blood-red in winter. At the commencement of the rains he may show whatever colour he uses to show at any other season, and will, nevertheless, bring good luck, provided he be glossy.
- 25. A rugged sun is pernicious to Brahmans, if white; to Kshatriyas, if blood-red; to Vaiçyas, if yellow; and to Çûdras, if black; on the contrary, a smooth sun bestows good upon the same.
- 26. In summer a red sun brings danger; a dark one in the rains causes drought; a yellow one in winter produces ere long dangerous diseases.
- 27. If the sun's orb is crossed by the figure of the rainbow, he produces quarrels between the monarchs. A bright, shining sun at the time of the rains setting in, brings rain in the course of the same day.
- 28. In the rainy season he gives rain the same day, if tinged like a Sirisa flower. If he has the dye of a peacock's feather, it will not rain during twelve years.
- 29. They assert that there will be danger from insects if the sun be gray, and from a foreign army if he appears ashy. Ruin to that sovereign in whose asterism the sun, while having a flaw, is standing.¹
- 30. If the sun at mid-heaven has the appearance of hareblood, there will be battles; if he resembles the moon, the king is about to be killed and a foreigner to reign.
- 31. A pot-like sun occasions famine and pestilence; a fragmentary one destroys the king; one without beams is terrifying; one resembling a gateway ruins the town; one appearing as if it were an umbrella, tends to the loss of the country.
- ¹ The asterism, lunar mansion, of a sovereign is the asterism under which his country stands according to the division of the globe, as taught in chap. 14.

- 32. Whenever the sun resembles a banner or a bow, is trembling and rough, battles are at hand. A black line on the luminary shows that a royal councillor will kill the king.
- 33. When a meteor, a thunderbolt, or lightning, hurts the Day-god at rising, then you may hold that the king shall die, and a foreign ruler be invested with government.
- 34. A sun that day for day, or at dawn and evening twilight is surrounded by a halo, or sets and rises blood-red, brings about a change of rulers.
- 35. When the sun at both twilights is covered with clouds that resemble weapons, he causes battles; when they resemble deer, buffaloes, birds, asses, and camels, he brings danger.
- 36. An asterism suffers greatly when it is scorched by the sun's rays; but afterwards it becomes purified thereby, as gold is by the heat of fire.
- 37. A mock-sun, when standing north of the sun, gives rain; when south, wind; when at both sides, there is danger of inundation; when it is seen above, it is pernicious to the sovereign; when below, to the people.
- 38, 39. The sun in the sky looking red like blood, or having his disc reddened by coarse dust, brings death to the king before long; being blackish, spotted dark, or accompanied at morn and eve with the dreadful and hoarse shrieks of birds and wild beasts, he is deadly to the people.²
- 40. The Day-god bestows bliss upon mankind when his surface is spotless, his orb not crooked, his beams are distinct, large, bright, and long; in short, when he has his natural bulk, colour, and signs.

¹ A definition of ulka, açani, and vidyut may be found chap. 33, verse 1, seq.

² Verse 38 and 39 of the text form one stanza in the metre Narkuṭaka. Cf. ch. 104, 53; Colebrooke, Misc. Essays, ii. pp. 148, 162; Weber, Ind. Studien, viii. p. 396.

CHAPTER IV.

The Moon's Course.

- 1. One-half of the moon, whose orbit lies between the sun and the earth, is always made bright by the sun's rays; the other half is made dark by her own shadow, like the two sides of a pot standing in the sunshine.
- 2. The solar rays being reflected 1 on the moon that is of a watery nature, dispel the nightly dark, as rays falling upon a mirror (placed at the door of a room) dispel the darkness in the room.
- 3. As the brightness attaches itself to the moon, on her going forth from below the sun, from the west side, so she rises brighter and brighter in proportion as she is going farther onward from below the sun.
- 4. Thus the brightness of the moon increases from day to day, in proportion to the difference of her position in respect to the sun, in the same manner as the shine on the west side of a pot in the afternoon.
- 5. The moon, when taking her course south of the asterisms Jyeshthâ, Mûla, and both Ashâdhâs, destroys seeds, aquatic animals, and forests, and causes danger of fires.
- 6. She is evil when going south of Viçâkhâ and Anurâ-dhâ; but auspicious when going through Maghâ or Viçâkhâ.
- 7. There are six asterisms with which the moon enters into (actual) conjunction before (theoretically) reaching them—viz., Revatî, and the five following: Açvinî, Bharanî, Kṛttikâ, Rohinî, and Mṛgaçiras. There are twelve, the conjunction with which takes place when the moon is (actually) in them—viz., Ârdrâ, and the eleven following: Punarvasu, Tishya, Açleshâ, Maghâ, Pûrva and Uttara-Phalgunî, Hasta, Citrâ, Svâti, Viçâkhâ, and Anurâdhâ. With the

¹ Utpala explains मूक्ता: with सँद्याना: प्रतिफलिता:; this passage proves that he is right. In this acceptation the word occurs often enough, indeed, but the Hiudu commentators have commonly misunderstood it.

remaining nine the moon enters into conjunction (actually), when she has (theoretically) passed them—viz., Jyeshthâ, Mûla, Pûrva and Uttara-Ashâḍhâ, Çravaṇa, Dhanishthâ, Çatabhishaj, Pûrva and Uttara-Bhadrapadâ.

- 8. (The different forms of the moon bear some resemblance to certain figures). She is said to have the shape of a boat, when she is broad and has one cusp somewhat erected. Boatsmen suffer by it, but all other people will be happy.
- 9. They call it "the plough," when one cusp is half erected. Ploughmen suffer by it, but there is abundance of food, and friendship reigns between the monarchs, even more than can be accounted for.
- 10. When the southern horn is half erected, then the figure is named "the mischievous plough." It causes the death of the King of Pandya, and occasions warlike preparations.
- 11. Both cusps of the moon happening to be "equal," there will be plenty, safety, and rain, as much as in the first days. If the moon rises like "a staff," the cows will suffer, and the king rule despotically.
- 12. A moon in the shape of "a bow," produces battles, and victory will be theirs whose country lies in the direction of the string. The position of the moon in which she is stretched out from south to north, is styled "the yoke," and occasions earthquakes.
- 13. The yoke may be slightly turned up at the southern cusp; then the moon is said to be "lying on the side;" this

¹ The statement contained in this verse is one of those which our author found in the ancient standard works, and repeated out of piety for the Rshis. The commentator quotes one of those seers, Garga, from whose words we may gather that in his time (i.e. in the time of the author of the work ascribed to the mythical Garga) the Nakshatras had not all of them the same extension. Cf. Weber, Naxatra i. p. 309, seq., where the passage from Garga is to be found. The remark of Utpala, cited by Weber, l.c., after a very corrupt MS., runs thus: जन्वाचारिया- बचोक्तान्यताव्यव्या खितानि । उचते । भाषारियातिगोक्यतया यशियन्त्रियान्यत्रानि । अचते । भाषारियातिगोक्यतया यशियन्त्रियान्यत्रानि ।

ruins the chiefs of trading companies, and hinders the fall of rain.

- 14. If one horn of the moon is turned down, so as to be lower than the upper edge of the crescent, they term it "the inclined" position. It makes food scarce, both for men and for black cattle.
- 15. The moon shows an entirely uninterrupted curved line in the shape of "the basin." At this occurrence princes that govern a province lose their place.
- 16. The moon—apart from the forementioned positions, being erected at the north side, causes the growth of corn and rain. When turned up north, she is declared to be threatening with dearth.²
- 17. Anybody beholding the moon with one cusp vanished, or turned down, or without cusps, or the new moon full, loses his life.³
- 18. The rules concerning the different figures of the moon having been told, now her various sizes follow. A small moon is said to produce famine, but a big one to bring abundance.
- The reading of the printed text and of the comm. The sentence is called The sentence, but the figure. Therefore, the true r. is Therefore, as exhibited in most MSS.
- ² The ten positions (स्थान) or figures (संस्थान) of the moon were well known to Varâha-mihira as wanting a scientific base. The motive that led him and other scientific Hindu astronomers to attend to such matters is well explained by Utpala: किमर्थमाचार्येण फलमृत्तम्। स्वोस्थते। यानि (viz. संस्थानानि) नोत्पवने परिकेखविधी तान्युत्पातरूपाणि कदाचिहुस्थने। स्रतसेषां भगवत्रगादिविरिचतशास्त्रेषु फलानि दृश्वने तानिचाचार्येण पूर्वशास्त्रानुसारेणोक्तानीति।
- The comm. follows another r. (see VV. RR.), and divides the sentence in this way: एकेन शृङ्गेणोपलियतम्—विसीनं मसितमिविकेन शृङ्गेण-सवाद्यासमधोमुखं शृङ्गं वास्त भवति—तथा सम्पूर्धम् इ. सा.

This cannot be right, because मुद्ध, not being an adjective, cannot be an attribute to इन्द्ध; yet it ought to be, because the following ulified is such an attribute.

- 19. Being of a moderate bulk—known under the name of "thunderbolt"—she threatens with famine and excites turmoils among sovereigns. A moon like a drum brings safety and plenty of food.
- 20. One may hold that a moon of very large bulk tends to increase the happiness of kings; that a big one causes abundance, and a small one dearth.
- 21. The moon, when one of her horns is touched by Mars, destroys the savages of the borders, and low princes; when touched by Saturn, she causes danger from war and famine; when by Mercury, drought and dearth; touched by Jupiter, she destroys the chiefest kings; by Venus, the lesser ones. The influence of these planets is trifling in the light half of the month; but in the dark half it shows itself in the manner aforesaid.
- 22. The moon being crossed by Venus, hurts, during seven months, the Magadhas, Yavanas, Pulindas, Nepalese, Bhṛngis,¹ Marukuccas,² Surashtrians, Pancâlas, Kekayas, Kulûtas, Cannibals,³ and Uçînaras.
- 23. When transversed by Jupiter, the moon will afflict, during ten months, the Gandharians, Suviras, Sindhians, Kîras, the grains, the mountains, the Dravida-kings and Brahmans.
- 24. At the occurrence of a transit of Mars, during a period of six months, the moon will destroy those kings that are prepared for war, along with their chariots, horse, and elephants; also the Trigartians, Mâlavas, Kulindas, the

¹ This word is very doubtful; see VV. RR.

Instead of Haras, as exhibited in the printed text, we ought to r. Haras, as one codex of the comm. actually has. It is one word, also, according to Utpala's comment. The Marukuccas, or Murukuccas, were a people in the modern Kaferistan, or thereabouts; cf. ch. 14, v. 23. As to Haras, this would be grammatically correct, and mean 'Marwar and Kach;' yet, wherever it is intended to be one word, it is nothing but a very frequent clerical error.

³ The caunibals being always placed in the far East must denote either the inhabitants of the Andamans and Nicobars, or the cannibal tribes of the Indian Archipelago, or both.

foremen of corporations; the Çibis, the princes of Oudh, the rulers of the Kurus, Mateyas, and Çuktis, and most eminent Kshatriyas.

- 25. When the moon's orb is crossed by Saturn, she will, during ten months, strike with grief the Yauddheyas, royal councillors, Kurus, the chieftains of the eastern countries, and the Arjunayanas.
- 26. By going across the moon, Mercury will oppress Behar, Mathurà, and the banks of the Vena, but everywhere else the Golden Age, so to say, is come back.
- 27. The moon on being transversed by a comet destroys safety, health, and abundance, undoes the men of arms by profession, and causes distress by the prevalence of thieves.
- 28. When the moon is touched by a meteor during an eclipse, then the king in whose birth-star she stood² shall be stricken.
- 29. An ashy, rugged, reddish moon, deprived of beams, or one that is gray, split, and trembling, occasions danger of famine, war, sickness, and robbery.
 - 30. A moon appearing white as hoar frost, jessamine,
- In order to show in what manner Varaha-mihira made use of his authorities, the following passage of Paraçara's, being a counterpart to v. 21-27, is given as a specimen: तथा च पराश्रर:।
- षय भेदेष्वसुरम्बभिद्रः पा (ए.) पा श्वासम (ए.) मा) मधमद्र (ए.) पु कृषिन्द्वीसूतक्वेकययवनधूमामधमार्गसा (ए.) रा) जुनाराज्यकृष्टिमब्कुचौशीनरपृसिन्दपृष्वाद्निपालान् सप्त मासानुपतापयति। समरगृष्णा दश् मासान् गान्धारवासातिसिन्धुवाद्धीकपार्वतकारमीरान्।
 चितिसुतभिद्रः कुष्शिविमालविचर्गतंकुणिन्दायोध्याधिपतीय यायिभिः सह षषमासानुपतापयतीति। सर्कसूनुसभेदे नृपविरोधामासमेदा गणपयौधियार्जुनायनभयानावृष्टिप्रादुर्भावस्त दश् मासान्।
 नुधभिद्रः सुभिचचेमवृष्टिकरः। केतोस्तिद्वपर्ययः। प्रवर्धमानो वपुष्मानपराधियहभिद्रो प्यमुभफलसंहारिको (MSS. संवाहिको and संहर्तेति)
 भवति॥

² One's birth-star is the asterism the moon is standing in at the time of one's birth.

the white water-lily, or crystal, and looking as if she had been carefully polished bright by Gaurî, because she knows that at night it will be an ornament on the head of her beloved Civa; such a moon will bring happiness to mankind.

- 31. If the moon, white like the fibres of the nymphæa or pearls, regularly wanes or increases, and shows nothing unnatural in her motion, disc, rays, or conjunctions, she forebodes the heroes' triumph.
- 32. By the moon duly increasing in the bright half of the month, the nobility obtain elevation and the people thrive. If the moon wane during that period, all classes of the population decline; if she remain stationary, the condition of the country remains stationary also. In the dark half of the month the consequences of the aforesaid circumstances are quite the reverse.

CHAPTER V.

Râhu's Course.

- 1. Some say that Râhu is, forsooth, a demon's head, which, albeit severed from the trunk, yet, by virtue of having tasted of nectar, has continued alive and become a Graha (i.e. 'seizer,' or 'planet').
- 2. Having the same shape as the orb of the sun and moon, and being dark, he cannot, for sooth, be seen in the sky except at the period of the nodes, when he appears in consequence of the boon granted to him by the Creator.¹
- 3. Others declare Råhu to have a body, consisting only of head and tail, the figure of a snake. Others again tell us that the so-called son of Sinhikå is uncorporeal and opacous!
- 4. Now, if Råhu, having a round form, were a corporeal being moving through the signs of the zodiac, or if he were

¹ Cf. Mahâbh. i. ch. 19. The nectar, amṛta or soma, which the Devas and Râhu drink, i.e. with which they plenish and replenish themselves, is the light they borrow from the sun.

- a head, how then could he "seize" at a distance of half the zodiac, and his motion be subject to a rigid rule?
- 5. And if his motion were not subject to a fixed rule, how could it be found by calculation? As to the Râhu known under the name of "Mouth and Tail," by what reason does not he "seize" at an intermediate distance?
- 6. And now, the Rahu who has the shape of a huge snake must "seize" with his tail or with his mouth; how, then, is it that the part of his body between the mouth and tail does not cover the half of the zodiac?
- 7. If there were a couple of Råhus, then, at the occurrence of an eclipse of the moon at her setting or rising, the sun too would be eclipsed by the second Råhu, which is at six signs from the former.²
- 8. (The true explanation of the phenomenon is this): In an eclipse of the moon, she enters the earth's shadow; in a solar eclipse, the sun's. Hence the commencement of a lunar eclipse does not take place from the west side, nor that of a solar eclipse from the east.
- 9. In like manner as the shadow of a tree falls on one side and stretches far, so does every night the earth's shadow by its concealing the sun's light (from the moon).
- 10. When the moon stands in the seventh sign from the sun, and not too much to the south or to the north,³ then, on tending onwards, she enters the terrestrial shadow.

¹ That is, at the distance of five, four, or three signs.

^{&#}x27;Comm. अथ राइद्वयमण्यस्तित । तर्नेको नियतचारो दितीयो न्यानियतचारः । स षड्राक्षन्ति । र्वाचन्द्रयोग्रंहणं करोतीखेतत्प्रति-विधार्थमाह । राइद्वयमित्यादि ॥ एतदुत्रं भवति । यदा यससन्द्रमा उदिति यस्तो वास्तमिति । तदा पूर्वापरहरिजासक्तस्थेन्दोरकस्थापि पूर्वापरचितिजासक्तिभवति । षड्राक्षन्तिरत्वादुपपद्यते । द्वावपि हरि-वादुपरिस्थितौ दृश्यो भवतः पर्वकासस्य च सभवादेकेनानियतचारेष चन्द्रश्चावते न्परेणच नियतचारेण षड्राक्षन्तिरतेन षड्राक्षन्तिरतः सूर्य इति ॥

³ That is, if she has the same latitude, or nearly so.

- 11. The moon moving in a lower sphere reaches like a cloud the sun from the west. Hence a solar eclipse has a different appearance at different places according to the point of view.
- 12. That which covers the moon is larger than herself; hence her cusps form obtuse angles when she is half obscured. As, on the contrary, the body obscuring the sun is smaller than the latter, the horns of the sun form acute angles.
- 13. This is the cause of an eclipse, as set forth by masters of heavenly wisdom; the scientific truth may be expressed in these words: "Râhu has nothing to do with it."
- 14. As to that demon Råhu, the Creator granted him the boon, that, at the period of an eclipse, he should feed upon a portion of the offerings to the gods.
- 15. Since at that time he is present, "Râhu" has become a figurative way of speaking. The northern or southern motion of the moon is in mathematical astronomy also figuratively called "Râhu."
- 16. The occurrence of an eclipse cannot by any means be known from forebodings, as these appear at other times too, nor (if they be seen before an eclipse) are they to be considered as portents.
- 17. From the conjunction of five planets, to be sure, no eclipse can arise. Nor should the learned pay any attention to (the old method for finding out the direction in which the eclipse shall commence, by pouring) oil in water on the

¹ In other words, 'the moon's node,' चक्रपात. Comm. म्मिनिर्वास्थोत्तरा द्वियोत्तरा विवेषवभात् स चिवचेप उत्पद्धते पातवभात्। (Cf. Sûrya-S. 2, 6) चत्रचक्रपात एव सोके राङ्गरित प्रसिक्षः। भौमा-दोगं तारायहाणामपि पाता विवक्ते तेषामपि तद्दभादिचेपो भवति। तेग चान्योत्तरा गतिश्चायते। विमयं यहः कान्ययादुत्तरेण विचिन्नः विवा द्वियोगः। एवं चक्रस चासौ द्वियोत्तरा गतिः पातवभात्सि-ध्वति सेवापि सोके राङ्कर्येगोपचर्यते।—एतदुक्तं भवति। चक्रविष्णाः गार्थं यस्त्रपातः परिकल्पितः स एव सोके राङ्गरिख्यत द्ति॥ Cf. Sûrya-S. 1, 68, seq.; Siddh. Çirom. Gaņit. Madhyamādhy, v. 21.

eighth of the half-month (in order to see in what direction the oil moves).1

- 18. The observation on the sun has to be derived from the parallax in latitude; the direction from the parallax in latitude and the variation of the ecliptic (alias, deflection); the moment to reckon from is the end of the lunar day. This has been treated by me in my work on mathematical astronomy.²
 - 19. Seven deities, viz., the Creator, the Moon, Indra, Ku-
 - ¹ Utpala quotes a verse from Vṛddha-Garga (v. 1. Garga):

यहपश्चकसंयोगं दृष्टा न यहणं वदेत्। यदि न खादुधस्तच नुधं दृष्टा यहं वदेत्॥

Utpala observes—एतद्सत् ॥ अवापि दिकपरिज्ञानार्घमाइ तैसञ्च वसे र॰ आ॰। ग्रहणं यदा भविता तदाष्टम्यां तिथी वसमध्ये तैसं चिप्तं यसां दिशि न प्रसर्ति तस्त्रामेव ग्रहणं वक्तवं। तथा वृद्धगर्गः (v.l. च गर्गः)।

ष्रष्टम्यां परिवेषः स्वात्तीसे जसगते यदा। प्रसारिते विजानीयाचतः खण्डसतस्तम इत्येतद्यसत्॥

² For the whole process cf. Sûrya-S. 4 and 5; Siddh. Çirom. Grahanavâs. v. 11, seq.—Utpala calls the ज्ञवनति also स्फुटविचेप, as the
corrected latitude is, in fact, the latitude applied with the parallax in
latitude. He says: ज्ञवनतिर्ति स्फुटविचेपस्य नाम। यदुक्तम्

खवनतिवर्गे बह्याद्रवीन्दुपरिमाणयोगद्खवर्गात्। तब्रुलात्तु द्विगुणात्तिथिभुक्तिवदादिशैत्कालम्॥

i.e. "subtract the square of the corrected latitude from the square of half the sum of the measures of sun and moon; multiply the square root of the remainder by two; from this predict the moment of obscuration, in the same way as you find the date in lunar time (i.e. multiply by 60 and divide by the difference of the daily motions of sun and moon)." This verse is taken from Varâha-mihira's Pancasiddhântikâ, the very work referred to in the text. The Comm. proceeds: एवमवन्ता सुरविचेप-णादावर्क यासो भवति सर्वयहणं खण्डयहण्मित्यादि॥ To वसना, a more common form of which is वसन, he adds only an explanatory तात्काखोत्पद्मा. See Bâpû Deva in Transl. of Siddh. Cirom. p. 184, seq.

bera, Varuna, Agni, and Yama, have to be regarded as rulers, in regular succession, of the periods of eclipses, each for six months (from creation downward).

- 20. In the period presided over by the Creator, Brahmans and cattle thrive, safety and well-being reign, and the grain crops flourish. This likewise happens in the period ruled by the Moon; but there is want of rain in it, and suffering amongst scholars.
- 21. In the period of Indra, one may expect discord between sovereigns, loss of the autumnal corn, and want of safety. In the period of Kubera, great merchants lose their wealth, but else there is abundance.
- 22. The epoch of Varuna is unlucky to kings, but produces security to others, and good crops. That of Agni, which is also named after Mitra, gives grain, health, safety, and rain.
- 23. That of Yama causes drought, dearth, and loss of the crops. Any other period of eclipses¹ is unlucky, and brings famine, pestilence, and drought.
- 24. When an eclipse takes place before the (calculated) moment of contact, the fetuses of the clouds miscarry and war will rage; when after the just moment, flowers and fruits will be lost, and there is unsafety and a failure of crops.
- 25. These effects of such eclipses as take place too early or too late I have mentioned because I have found this in ancient works; for one who knows mathematical astronomy, there can be no question of an eclipse occurring at a wrong time.
- 26. If an eclipse of the sun and of the moon should happen to occur both in the same month, then monarchs perish by the troubles in their own armies, and war rages violently.

That is to say, an eclipse at any other period but that of six months. Comm. एतदुक्तं भवति । षरमासीत्तरवृद्धा पर्वेशा उक्ताः । तच कदा-चिदुत्पातवशात्(!) पश्चभिमीसैः सिधः पश्चभिवा षड्भिः सिधः सप्तभिवा पर्व भवति । तदा तत्पर्व ब्रह्मादि च भवति तच चुकारावृष्टिद्म् । A quotation from Garga—

चन्द्रे पद्यममासे तु मासे लेकाद्ये तथा। सप्तद्ये वा सूर्यस ग्रहणं चुत्रयाय तत्।

- 27. The sun and moon, eclipsed at rising or setting, are pernicious to the autumnal corn and to kings; when wholly obscured and seen by evil planets (viz., Mars and Saturn), they bring famine and pestilence.
- 28. The sun, being obscured when half risen on the horizon, destroys the populace and all kinds of sacrifices; when in the first division of heavens, he ruins those who in their profession make use of fire, men excelling in virtue, priests, and ascetics.
- 29. The same being eclipsed in the second division, strikes the husbandmen, heretics, merchants, Kshatriyas, and commanders of armies; in the third, the artisans, Çûdras, foreigners, and royal councillors.
- 30, 31. Obscured on mid-day, the sun is fatal to sovereigns and the middle-country, but the grain will fetch fair prices; in the fifth division of heavens, he damages grass-eating animals, ministers, women, and Vaiçyas; in the sixth division, women and Çûdras; at the time of setting, the robbers and savage tribes of the borders. When an eclipse ends in that part of the heavens to which those indicated here before belong, then happiness awaits them.
- 32. Râhu appearing when the sun is in its northern progress, ruins the Brahmins and princes; when the sun is in the southern progress, the Vaiçyas and Çûdras. The same when

¹ The heaven, and also the day, are for the purpose divided into six parts. Yet the Scholiast says, 'into seven parts.' याह्यद्विप्रमाण्ख सप्तिभागमपहृत्य यञ्चभ्यने तत्खां प्रमाणं। अनेनाका प्रमिष् सप्तिभागमप्रते भवति। तथाच

स्पार्शिकं मीचिकञ्चान्यं कालं सप्तगुणं हरेत्। दिनमानेन यक्कव्यं खांश्रमानं युगस्य तत्॥ एवं क्रत्वा विचारयेत् कस्मिन्नाकाश्रभागे प्रयहणं मोचो वा॥

² The Scholiast explains the word आग्युपजीविन and synonyms, both here and at other passages, by 'goldsmiths, blacksmiths,' etc. सुवर्ण-कार्प्रभृतयः and at v. 35: सुवर्णकार्णोहकारायकार्प्रभृतयः

³ Comm. प्रत्यन्ता गद्धर्वासिनः

seen in the north, the east, and so on, destroys the Brahmans, the Kshatriyas, and the rest, in succession.1

- 33. By standing in an intermediate direction he strikes the barbarians, kings who have taken the field, and the keepers of sacrificial fires. In the south, he is deadly to aquatic animals and elephants; in the north, to cows.
- 34. When the demon comes up from the east, he makes the earth replete with water; when from the west, he is declared to be pernicious to farmers, servants, and seeds.
- 35. At an eclipse (of the sun or moon whilst standing) in Aries, the Pancâlas, Kalingas, Çûrasenas, Kâmbojas, Orissees, Kirâtas, men who follow the profession of arms and smiths come to grief.
- 36, 37. When the sun or moon is obscured in Taurus, cowherds, cattle and its breeders, as well as persons who have risen to eminence, come to grief; so do noble ladies, kings, king-like men,² persons endowed with strength and with artistic talents, the people dwelling on the banks of the Jamna, the Bâhlîkas, Matsyas, and Suhmas, when the eclipse occurs in Gemini.
- 38. An eclipse in Cancer causes suffering to the Åbhîras, Çabaras, Pahlavas, Mallas, Matsyas, Kurus, Scythians, Pancâlas, and maimed persons, and ruins the corn too.

¹ The author and Utpala were perfectly well aware that many statements of the ancient astrologers have no foundation whatever in observation. The remarks of the commentator to this verse are curious—गन्वच यदुक्तं उदगादिष्ट्रशे राङ्गिविप्रादीक्तिहान तदुत्तरद्विष्यदिग्भा-गात्वद्वाचिद्दिप रिविष्यशिगोः प्रयह्णमोची न भवतक्तत्विमिख्कम् । एतद्सत्वं गणितगोनविच्छमिति । चयोच्यते । पूर्वशास्त्रिषु भगवत्परा-श्चरगादिविरचितेषु दृश्चते तैचौत्पातिकं पर्वाधिक्रत्योकं फलमेतत् । तदेव पूर्वशास्त्रदृष्टत्वादाचार्येणाप्रक्रमिति । यतक्तस्य प्रतिश्चयम् च्यो-तिषमागमशास्त्रं विप्रतिपत्ती न योग्यमस्याकं खयमेव विकस्पयितं किन् वह्नां सतं वच्चे . (See Bṛh. Sanh. ch. 9, v. 7, where this program, प्रतिश्वा, of Varaha-mihira is found).

² Comm.: नुपसाचा नृपसदृशाः, to which in some MSS. is added चमात्वादाः.

The Scholiast takes सञ्चान here as an appellative noun, बाइयुद्ध-

- 39, 40. One in Leo destroys the Pulinda-hordes, the Mekalas, courageous men, peers of kings, monarchs, and the inhabitants of the woods; one in Virgo, the grains, poets, writers, singers, the countries of Açmaka and Tripura, and the rice fields; one in Libra, the Avantis, the people of the western border land, honest men, merchants, the Daçârnas and inhabitants of the province of Bhroach; one in Scorpio, the Udumbaras, Madras, Colas, the trees, Yaudheyas, and such as fight with poison.
- 41. An eclipse in Sagittarius is mortal to chief ministers, horses, the Videhas, boxers,² the Pancâlas, physicians, merchants, cruel persons, and military men from profession; in Capricorn, to fishes,³ ministers' families, the populace, to persons skilful in spells and herbs, to aged men, and soldiers.
- 42. An eclipse in Amphora will strike the natives of Antargiri⁴ and of Western India, the porters, robbers, Abhîras,
- ¹ The expression विषायधीया: is somewhat ambiguous. According to the Scholiast it is विषमायधेयेषाम. It must denote, in the widest sense, all living beings that make use of poison in self-defence, like the scorpion, for the system of astrology requires a connexion between Scorpio, in which the eclipse occurs, and the sufferers by it.
- ² Or, 'the Mallas;' may be the expression applies both to these and to boxers.
 - 3 'To fishes,' because the Makara is an aquatic animal.
- ¹ The different copies of the Comm. have been so meddled with that it is well-nigh impossible to make out what reading is the one preferred by Utpala himself. Thus much is certain, that some copies have, or should have अन्तर्गिरजातपश्चि॰, others अन्तर्गिरजानसपश्चि॰. One MS. has अन्तर्गिर गिर्न्तरे जाताञ्चनानिखर्थ: | Another, however, अन्तर्भिथे गिरी पर्वते जाता अन्तर्गिरजान्तान्यवंतमध्ये जातान् । तां सम्पश्चि॰, yet this latter copy contains the following words, which would have been expected in the former copy, where they are just wanting: केचिदनार्गिरजान्तपश्चिमजनानित पटनित । गिर्न्तरेजान् जनां सजना (!) प्राक्पाठो व्य भोभनः ॥ The difference itself is trifling, but the quoted passage may show how the MSS. have been altered. I am not able to say which part of the Himâlayan hill-country was called Antargiri; it may be Kumaon, or a still more eastern district. Cf. ch. xvi. 2, and Mahâbhâr. II. ch. xxvii. 3.

Dards, Aryas,¹ the inhabitants of Sinhapura and Barbaras; in Pisces, the shores of the ocean, substances coming from the sea, great people, wise men, and those who get their living by water. The consequences of (an eclipse of the sun or moon in any of) the lunar mansions must be told according to the geographical division of the earth, taught (in ch. xiv.)²

- 43. There are ten kinds of obscuration, termed as follows: Standing to the right, standing to the left, licking, biting at, subduing, total obscuration, assailing, touching slightly, darkness in the middle, and darkness at the outer edge.
- 44. When the eclipsing body stands to the right,³ mankind will have plenty of rain, feel glad and safe; when to the left, the people perish by depredations of kings and robbers.
- 45. The so-called licking takes place when a tongue, as it were, licks around the orb of the luminary (sun or moon). At this event there is great joy amongst all beings on earth, and an abundance of water.
- 46. They call it "biting at," when a quarter, or a third, or even the half is obscured. Then wealthy monarchs lose their treasures, and wealthy countries suffer.
- 47. When the obscuration, after beginning at the extremities, continues thickened in the middle, it is known under the name of "subduing," and brings great joy to all creatures.
- 48. It is a "total obscuration" if the dark one long continues obscuring the whole disc; this occurring, he will destroy the chief countries and the chief potentates.
 - 49. If, after the end of an eclipse, Råhu immediately re-

¹ Utpala takes आर्थान appellative, प्रधानजनान, 'Seigniors.' It seems more likely that the inhabitants of Âryâvarta are meant.

² That is to say, when an eclipse occurs whilst the sun or moon is standing in such or such a Nakshatra, woe betides that part of the globe which is allotted to the Nakshatra.

³ Comm.: तमसि राही सव्यगते चक्र्सार्कस्य [वा] द्विणभागगते।
Further is explained what is meant with the right and left side of the
sun and moon: यन चक्र्यहण याग्नेव्यां राहोरागमनं सव्यमेशान्यामपसव्यम्। यर्कयहणे वायकां सर्वं नेर्फ्रत्यामपसव्यमिति ॥

turns and appears again, it is styled "assailing," which is terrific because of the internecine wars waged by the kings.

- 50. When you see, as it were, a mirror covered at one spot with vaporous breathing, it is the obscuration known as "touching slightly;" it brings nice rain and fertility.
- 51. When the darkness is confined to the middle, whereas round it remains a bright ring,² it causes the ruin of the middle-country, and danger from gastric diseases.
- 52. Very thick darkness at the extremities, and very little in the middle, appears in the obscuration called "darkness at the outer edge." At this it is to be dreaded that all sorts of plagues of the country will waste the grain, and unsafety prevail on account of robbers.4
- 53. When Râhu is white, one may announce safety and copiousness of food, but suffering to the Brahmans; when fire-red, danger of fires and affliction to smiths.
- 54. When greenish yellow, diseases will be frequent, and the grain be lost by plagues of different kind; when russet,
- ¹ The scholiast does not fail to observe the impossibility of this case: यदाधेतन्नोपपदाते। तथापि पूर्वशास्त्रानुसारेणाचार्येणोक्तम्।
- ² Utpala again remarks that this can only happen with solar eclipses, and he adduces the reason why.
 - ³ The definition of र्तय: i.e. सस्रोपद्रवा: is given in this distich:

स्रतिवृष्टिर्नावृष्टिर्भूषकाः श्रूलभाः गुकाः। स्रत्यासद्गास राजानः षडेते लीतयः स्रृताः॥

¹ Parallel passages to vv. 43-52 are quoted in the Comm. from Paraçara and Kaçyapa. For comparison's sake the latter passage, being also the shorter of the two, here follows. নিখাৰ কামেণ: !

सव्यगे तु सुभिषं खादपसव्ये तु तस्तराः।
लेहे (v.l. लीहे) प्रजाः प्रहृष्टाः (v.l. हिर्षिताः) खुर्यसनं सोकनाभनम् ॥
निरोधे जनहर्षः खादारोहे नृपसङ्ख्यः।
ग्रामर्दिते चापमर्दे खयं षुभ्यन्ति पार्थिवाः॥
खक्रवर्णप्रदेशं यदाघातं तिद्ववृष्टये।
मध्ये तमसि सन्दृष्टे पोढयेक्यध्यदेभ्रजान्।
पर्यने तमसि दृष्टे सखानामीतिषं भयम्॥

swift-going animals and barbarians perish, and famine prevails.

- 55. When coloured like the rising sun, there will be dearth, lack of rain, and distress amongst birds; when showing a dark purple tinge, one may predict security, abundance, and little rain.
- 56. When pigeon-dyed, red, russet, or gray, danger of famine may be positively announced. A pigeon-coloured and black-tinged Râhu produces sickness amongst the Çûdras.
- 57. One that is yellow as the topaz¹ is pernicious to the Vaiçyas, but conducive to abundance of food. At one that is flaming, there is apprehension of fires; at one looking like red chalk, war.
- 58. Is it that Råhu appears gray like the stalks of Dûbgrass, then you may announce that there shall be pestilence. When he resembles the trumpet flower, he brings danger from thunderbolts.
- 59. Being dust-coloured, or red, he is fatal to the Kshatriyas and the rains; showing the hue of the morning sun, the nelumbium speciosum, or the rainbow, he tends to excite the raging of arms.
- 60. Mercury, on seeing the sun or moon eclipsed, occasions the loss of ghee, honey, oil, and of sovereigns; Mars, slaughter in hostile encounters, raging of fires, and danger from robbers.
- 61. Venus (when looking on an eclipse) causes the destruction of corn and manifold annoyances on earth. Saturn brings drought, scarcity, and unsafety on account of robbers.
- 62. Any evil produced by a planet through its look, at the beginning or end of an eclipse, is allayed by the look of Jupiter, as burning fire is quenched by water.
- 63. When, during an eclipse, the following foretokens arise, viz., storm, fall of meteors, dust, earthquake, darkness, and

¹ विस्तारा is in Wilson's Dictionary rendered by crystal, but that cannot be the acceptation of the term here. From the yellow colour we may infer that it is one of the different sorts of stone which are known under the name of 'oriental topaz,' as chrysolith or corindon.

thunder-strokes, then another eclipse takes place after six months, twelve months, and further in regular succession.1

- 64. By Mars partaking of an eclipse,² the country people of Avanti, those who dwell near the banks of the Kâverî and Nerbadda, and proud monarchs, become afflicted.
- 65. Mercury (in the same case) ruins the Doab, the Sarayû, Nepal, the eastern ocean, the Sone, women, kings, soldiers, lads, and scholars.
- 66. When Jupiter becomes obscured, scholars, kings, ministers, elephants, horses, perish; besides those who dwell along the banks of the Indus and the inhabitants of the north.
- 67, 68. By Venus becoming eclipsed, the Daserakas, Kekayas, Yauddheyas, the inhabitants of Âryâvarta, Çibis, and women, ministers, and companies suffer; by Saturn, the inhabitants of the desert, the Pushkaras, Surashtrians, minerals, the people of Mount Arbuda, the lowest classes of the population, the Gomanta³ and Páriyâtra mountaineers go to destruction very soon.
 - ¹ Comm.

तथाच पराश्ररः।

उपरक्ते यदा चन्द्रे बलवान्वाति माइतः। मासे षष्ठे तदा विद्याद्वाहोरागमनं भ्रवम् ॥ उन्कायां द्वादश्चे मासे रजसाष्टदश्चे तथा। भूकम्पे तु चतुर्विशे चिश्चे तमसि निर्दिशेत्। षद्विशे श्वानपाते स्वात् सर्वेषु स्वात्षद्वत्तरे॥

- 'A planet is said to be 'eclipsed,' when, at the time of an eclipse, it is standing in the same sign or asterism (राश्चि) with the sun or moon, and having nearly the same latitude with one of these. Utpala expresses himself in this way: अवादी तारायहाणां यसत्वं व्याख्या-यते। यो यहो -कीण चन्द्रेण वा सहैकराशी भवति तच चातिविधिप्तो न भवति। तदाच्छादनाद्वाहकस्थ (सो -प्यदृक्षो भवति। तेन wanting in some MSS.) यस्त र्त्युच्यते॥
- The scholiast r. गोमना: पा॰ (although in the MSS. is written गोमनापा॰) and regards गोमना: as an appellative noun, paraphrasing it by गोमना: 'possessors, breeders of kine.' Cf. however ch. xvi. 17, where the word is certainly the name of the mountain or hill district. In some Codd. of the Comm. are added the words: केचित्रोनंदा (v.l. गोनदी) रति पटन्ति.

- 69. Råhu, seen in the month Kårttika¹ afflicts the smiths, the Magadhas, the potentates of Eastern Hindustån, the Kosalas, Kalmåshas, Çûrasenas, and Kåçis; he will also soon strike the king of Kalinga, with his councillors and servants, and bring the Kshatriyas to grief, but produce safety and plenty.
- 70. In Mârgaçîrsha he will hurt the Kashmirians, Kausalakas, and Puṇḍras, the wild beasts and people of the western marches; he also crushes the drinkers of Soma, but brings beautiful rains, safety, and abundance.
- 71. By an eclipse in Pausha, the Brahmans and Kshatriyas meet with adversity, and the Sindhians, Kukuras, and Videhas become ruined. Moreover, one may be sure that there will be little rain, unsafety, and dearth.
- 72. Râhu, when seen in Mâgha, afflicts those as are piously attached to their parents, those who bear the family name of Vasishṭha,² the sedulous students of Scripture, the elephants and horses, the people of Anga, Vanga, and Kâçi; but yields rain to the heart's wish of husbandmen.
- 73. An eclipse in the month of Phâlguna causes distress to the Vangas, Açmakas, Avantis, Mekalas, dancers, grains, noble ladies, bowyers, Kshatriyas, and ascetics.
- 74. By an eclipse in Caitra, grief is caused to the painters, writers, singers, to those whose beauty is venal,³ to Vaidic scholars, gold merchants, the Pundras, Orissees, Kekayas, and
- ¹ Properly: at full moon or at new moon. Comm.: पौर्णमास्त्रमा-वस्ता (v.l. पौर्णमामावास्त्रा) वा कार्त्तिकी.
- Utpala expresses himself accurately in saying: **THE JIN**THE Whence follows that Vasishtha is a nomen of a gens, like the Roman Julius, Cornelius, with this difference, that in Latin not only is said Cornelii, as in Sanskrit, Vasishthah, but also Cornelius, whereas in Sanskrit, in names of tribes and nations, a simple individual is denoted by a derivative, e.g. Vasishtha = one out of the family called Vasishtha. The mythical ancestor of the Vasishtha-vança is the Rshi Vasishtha, one of the stars of the Great Bear, in the same way as the sun is the ancestor of the Sûrya-vança.
- ³ Schol. विश्वाचनाः; the expression in the text reminds one of the Latin corpore quaestum faciens.

Açmakas; in the same year the Rain-god will distribute the rain unequally.

- 75. By an eclipse in the month of Vaiçâkha, cotton, sesam, and beans will be lost; the Ikshvâkus, Yaudheyas, Scythians, and Kalingas meet with calamity, but there will be plenty of food.
- 76. By one in Jyaishtha, sovereigns, Brahmans, and queens, the grain crops, rain, great associations, the people of the north, the Sâlvas, and also the savage tribes, come to perdition.
- 77. When an eclipse occurs in Ashadha, one may say that tanks, dikes, rivers, streams, men living on fruits and roots, the Gandharians, Kashmirians, Pulindas, and Chinese, are undone; only in some districts rain will fall.
- 78. An eclipse seen in Çrâvaṇa will strike the Kashmirians, Pulindas, Chinese, Yavanas, the people of Kuru-field, the Gandharians, the Middle-country, the Kâmbojas, and also one-hoofed animals and corn sown in autumn. In other quarters than those here specified, it makes the earth filled with people rejoicing at the plenteousness of food.
- 79. The demon, when appearing in Bhådrapada, produces plenty, but causes to perish the Kalingas, Vangas, Magadhas, Surashtrians, Barbarians, Suvîras, Dards, and Scythians, and unborn children likewise.
- 80. When seen in Âçvina, the demon greatly promotes abundance, but he will strike the Kâmbojas, Chinese, Yavanas, and also the surgeons, Bâhlîkas,³ the people dwelling along the banks of the Indus, the Ânartas, Puṇḍras, Kirâtas, and physicians.⁴
- ¹ The Comm. takes उद्पानवप्र as one compound; उद्पानं वसा-धारः। वापोकूपतडागादि। तस्य चोदपानस्य वप्रं तटः. The translation attempts to retain the probably studied ambiguity of the text.
 - ² Comm.: मण्डलवर्ष भवति । क्वचित्वचिद्वर्षतीत्वर्थः ।
- 3 In this way the word is written in those MSS. that generally follow a correct orthography.
- ⁴ For comparison's sake a passage from Parâçara is quoted, as being the counterpart to v. 69-80. तथाच पराग्रर:।

तच कार्त्तिक सुभिचचेमाय काश्विकोसलमूर्सेनाभावायच। मार्गशिषे

- 81. There are ten ways in which the separation in a solar and lunar eclipse takes place, denominated as follows: piercing the jaw, piercing the loins, piercing the anus, each of two kinds; bespitting, consuming, splitting the middle, and splitting the edge.
- 82. The separation in the south-east is known by the name of "piercing the right jaw," namely, in the case of a lunar eclipse. This occurring, the corn will be wasted, mouth diseases be prevalent, kings be afflicted, but the rains favourable.
- 83. "Piercing the left jaw" is the separation in the northeast; it is dangerous to princes royal; and one must expect diseases of the mouth, danger of war; yet, at the same time, abundance of food.
- 84. Should the emergence happen in the south, then it is called "piercing the right loin." Kings' sons will suffer by it; no other but southern enemies should be attacked.
- 85. And if Râhu goes away northward, it is what they term "piercing the left loin;" then women miscarry and the grain crops are but middling.

मृनपुष्ड्रसोमपभयायावृष्ट्ये। पीषे भयदुर्भिषत्रह्मचचोपरोधाय। माधे ग्रस्त्रप्रकोपाय प्रावृद्धु ये वङ्गाङ्गानर्तकयवनकादिदेशोत्सादनक्रमु । फाल्गुने न सम्पद्य नटनर्तकधनुष्करसस्त्रविनाशाय। चैचवैशाखि - रमकपुष्ड्राचेषु (? MSS. द्राचेषु and द्रोप्येषु) वृषसस्त्राभावाय। च्येष्ठे चिष्ठनुपपत्नोगणमुस्त्रसस्त्रोपद्रवाय। साल्यनिषादवृष्टिध्वंसाया (? MS. वृष्टिसन्नामा) षाढे। स्राव्यो चेमसुभिषमन्यम घीनकारमीरपृष्किन्द्रनान्धारेखः। भाद्रपदे मबधद्रत्य (MS. द्रातः) किङ्गाङ्गवङ्गानयाय सस्त्रचेमायच। स्राययुग्यहणं सुभिषचेमायावन्तिकवाद्शीकानर्तकः स्वोकसन्ध्वानामभवायचेति॥ It is clear that Varaha-mihira had this passage before his mind, but he must have followed other authorities too, and here and there another reading than is exhibited above; this applies especially to the passage about an eclipse in Åshådha.

¹ For the case of a solar eclipse, see v. 91.

² Utpala observes the imaginary character of this and the following separation: एतदीत्पातिक यतो मिश्तिगोसवासनया द्विगोत्तर-योदिगोर्यासमोची न कदाचिद्पि भवतः। श्राचार्येण पूर्वशास्त्रानुसा-रेखोक्तम्।

- 86. "Piercing the right side of the anus" takes place in the south-west; "piercing the left side of it" in the north-west. In both cases there will be diseases of the hidden parts, and little rain; in the latter case the queen shall die.
- 87. If the darkness begin from the east, and go away the same side, then they name it "bespitting;" it brings safety, corn, and contentment to mankind.
- 88. When the first contact in an eclipse is in the east, and the separation in the west, it is what they call "consuming." Then, O! where shall people find protection, anxiously agitated as they are by fear of famine and war?
- 89. If brightness reappears first in the middle, the separation is named "splitting the middle;" it causes intestine troubles, bestows abundance, and yields not too much rain.
- 90. Brightness at the extremities and thick darkness in the middle is seen at what is termed "splitting the edge;" thereby the Middle-country gets ruined, and the grains sown in autumn will be lost.
- 91. All these kinds of separation must be stated as occurring also with (an eclipse of) the sun; but what in the case of the moon is East, has to be applied, in the case of the sun, to the West.
- 92. A rain of dust within a week after the end of an eclipse causes the loss of the grain, mist brings danger of sickness, an earthquake the death of a great monarch.
- 93. A meteor causes a minister to perish: variegated clouds, extraordinary unsafety: thunder, the miscarrying of the pregnant clouds: lightning, vexation by the king and mordacious animals.
 - ' The Comm. r. नैन्द्रतवायवासी, and supplies तमसि.
- े The original meaning of the term सञ्क्ट्नं or क्ट्नं. as we find in a passage from Kacyapa, is left unexplained by the scholiast.
- ' Comm.: एतद्यौत्पातिकं। यतो विश्वतवीसिविश्वम् । The same is repeated in the following verse.
- 'So the Comm.: वर्भस्यक्षोक्षा चन द्वेया:. There is, however, no cogent reason for this, and it might as well mean: 'of the pregnant women.'
 - ' These animals are, as the scholiast intimates: सर्पवराह्यप्रभृतवः.

- 94. A halo causes distress in consequence of sickness; the glow of the sky, danger from the part of the ruler and from fires; a rough wind, unsafety, owing to thieves.
- 95. A whirlwind, a rainbow, or a staff in the air, brings danger of famine and hostile invasion; a planetary battle, strife between sovereigns; the appearance of a comet does the same.
- 96. When rain, without any unnatural symptom, falls within a week, one may predict abundance, and all the baleful influences whatever of the eclipse shall come to nought.
- 97. In case there be an eclipse of the sun a fortnight after the end of a lunar one, distress² shall be amongst the people, and mutual hatred between husband and wife.
- 98. But should (as many days) after a solar eclipse be seen one of the moon, then the Brahmans shall obtain the reward of manifold sacrifices, and the people have great joy.

CHAPTER VI.

The Course of Mars.

1. If Mars³ commence his retrograde motion in the ninth, eighth, or seventh lunar mansion from that in which he rose heliacally, the retrogradation is termed "the hot one." This

The rendering of zus by 'staff in the air,' is only a makeshift, for, although a description or definition of the phenomenon is given ch. xxx. v. 16, and ch. xlvii. v. 19, I have not been able to find out its precise nature.

² The Comm. wrongly renders यागय by दुर्नेय 'bad behaviour,' as the author evidently meant the compound याग् + याय, not या + गय. Cf. Goldstücker's Dictionary, s.v. यागय.

It is strange that in the text the noun proper is omitted. To account for the omission we must assume that in the author's autograph every chapter was headed with the words: अथ—प्रार्थित or अथ—; this chapter, e.g., must have been inscribed अथ भीमचार: or अ॰ भी॰ प्रार्थित.

causes suffering, at the period of the planet's rising again, to those who deal with fire (smiths, etc.).1

- 2. When Mars becomes retrograde in the twelfth, eleventh, or tenth mansion, it bears the name of "the weeping face." At the time of the heliacal rising it will vitiate the essences and produce diseases and drought.
- 3. The retrogradation beginning in the thirteenth or four-teenth mansion is "the serpent," and shows its effects at the period of the heliacal setting. It brings vexation through mordacious animals, serpents, and wild beasts, but plenteousness too.
- 4. "Bloody face" is the name of the retrogradation when Mars moves backward in the fifteenth or sixteenth mansion. This brings instantly mouth diseases, unsafety, and, at the same time, abundance.
- 5. "Sword and club" is the retrogradation beginning in the seventeenth or eighteenth mansion. It causes at the period of the planet's returning to the right motion³ distress owing to gangs of robbers, drought, and danger of war.
- 6. When Mars, after rising in Pûrva-Phalgunî or Uttara-Phalgunî, goes back in Uttara-Ashâḍhâ, and sets in Rohiņî, he oppresses all the three worlds.
- 7. The retrogradation of Mars, after he has risen in Çravana, occurring in Pushya, brings woe to the anointed heads of monarchs.⁴ (As a general rule) those people that according to the distribution of the countries of the globe⁵ belong

¹ Utpala observes that this case is an impossible one, or, as he puts it, an unnatural one, whilst he accounts in the usual way for the author's mentioning the case.

² Comm.: सूकरकुङ्गरादय: Cf. ch. v. 93.

³ Comm.: **चनुत्रेत स्पष्टगत्याश्रित भीमे.** Cf. Ind. Studien, x. p. 206, seq.

^{&#}x27; Comm.: मूर्धाभिषिक्तानां राज्ञाम् Quotation from Paraçara: उदित: श्रवणे भीमः पुष्टे वक्तं व्रजेवदि । मूर्धाभिषिक्ता राजानो विनश्चेयुः परस्परम् ॥

⁵ In ch. xiv. Exceptions to the rule are given in v. 12, below.

to the mansion in which Mars happens to rise, are hurt by him.

- 8. When the blood-red planet takes his crooked course midst through the stars of Maghâ, then the king of Pâṇḍya perishes, unsafety arises by the outbreak of war, and drought prevails.
- 9. Mars causes famine when, after going midst through the junction star of Maghâ, he takes his course right through the junction star of Viçâkhâ. By passing through the junction star of Rohinî he brings horrible pestilence.
- 10. In going south of (the star) Rohini, Mars has a depressive influence on the prices,² and obstructs the rain. When appearing wrapt in smoke, or having a crest, he will crush the inhabitants of the Pâriyâtra hills.
- 11. When moving in Rohinî, Çravana, Mûla, Uttara-Phalgunî, Uttara-Ashâdhâ, Uttara-Bhadrapadâ, or Jyeshthâ, Mars damages the cloudy masses.
- 12. Auspicious is his moving or rising in Çravaņa, Maghâ, Punarvasu, Mûla, Hasta, Pûrva-Bhadrapadâ, Açvinî, Viçâkhâ, and Rohiņî.³
 - 13. When Mars shows a large and bright surface, the hue
- ¹ Comm. भीमो = क्वारको मघा भित्त्वा मघायां योगतारकभेदं क्वारवि विश्वाखां भिन्द्ग तामपि पुनर्भिनत्ति । तदा दुर्भिषं चुन्नयं करोति ॥ यदिच रोहिणीं भित्त्वा याति रोहिखां योगतारकभेदनं क्वा गच्छति । तदा दृ॰ श्वा॰. Cf. about भेद, भिद्र ch. ix. v. 24 note, and about the occultation of the junction star of Magha especially, ib. v. 28.
- ² Utpala says: **अर्धस नियह**: स्वल्पसं वृष्टिनियहसाभाव:. It is, however, not quite certain whether **अर्धस** (as it is written in some MSS.) or **अर्धस** is intended. Uncommonly low prices, it must be understood, are certainly a sign of declining prosperity.
- *Exceptions to the general rule contained in the second part of v. 7 (see above). The statements of this verse moreover supersede or restrict, according to Utpala, v. 11: प्राजापि श्रवणे रखसापवादो : यम्. It would seem more correct to consider the want of rain (v. 11) to be an exception to the generally auspicious character of the conjunctures mentioned in v. 12.

of the flowers of the Butea frondosa or red Asoka, distinct and serene rays, the lustre of red-hot copper, and moves along the northern road, he brings blessing to the kings and satisfaction to the people.

CHAPTER VII.

The Course of Mercury.

- 1. Mercury never rises without portents: he causes danger of inundation, fire, wind, or occasions the (sudden) lowering or rising of the corn prices.
- 2. By crushing in his course Çravana, Dhanishtha, Rohini, Mṛgaçiras or Uttara-Ashadha, he produces drought and danger of sickness.
- 1 After the Comm. यसित्रचे स्थितस्त्रकोत्तरभावे यदि याति. In support of this view he cites Paraçara: तथाच पराश्ररः। वर्षर्शिम-प्रभागतेवोयुक्त उद्भावंतः सेह्वान्सर्वस्रोतहिताय। चिप्च

प्रद्विणगतिः कान्तः स्तिग्धस कलग्रोपमः। तप्तकासनसङ्काशो भवेकोकविवृद्यये॥

He adds that the expression may be explained otherwise: अन्य एवं व्याचवते यथा भर्षादिमघान उत्तरों मार्गः. This, indeed, is the definition of उत्तरमार्ग in ch. ix. v. 6, and, in order to show that the author might have meant the same here, he quotes Garga:

तथाच गर्गः।
याम्यादि पितृपर्यनं नवर्षं मार्गमुत्तरम्।
भाग्यादि नैर्ऋतानं तु मध्यमं मार्गमुच्यते॥
त्राषाढावश्विनानं तु द्षिणं समुदाहृतम्।
सीम्यमार्गिष्यतो भीमः प्रजानां हितकारकः॥

The neuter gender of सार्ग is a solecism probably due to the copyists, cf. ch. ix. v. 1-6.

² i.e. 'goes midst through,' or 'causes the occultation of,' as the Schol. says: सर्नं भेद:. Whether here precisely the junction stars are meant, is doubtful. At all events some of the statements in the text imply an impossibility: सर्नमच अवणादिषु मध्यात्वेषाश्चित्र सभवति। याचार्यणोक्तं पूर्वशास्त्रानुसारेण. Cf. note to v. 4 below.

- 3. When Mercury approaches Ardrâ, Punarvasu, Açleshâ, and Maghâ, people will suffer by war, danger of famine, sickness, drought, and grief.
- 4. The planet in its course oppressing * Hasta, Citrâ, Svâti, Viçâkhâ, Anurâdhâ, and Jyeshthâ, is disastrous to the cows, yet at the same time makes the prices of oils and essences rise, and the land yield copious food.
- 5. The same whilst crushing 3 Uttara-Phalguni, Kṛttikā, Uttara-Bhadrapadā, and Bharaṇi, occasions the waste of the elements of the body.
- 6. When Mercury crushes Açvinî, Çatabhishaj, Mûla, and Revatî, he damages merchandise, physicians, boatmen, products of the sea (as pearls, etc.), and horses.
- 7. Should he oppress⁵ either Pûrva-Phalgunî, or Pûrva-Ashâḍhâ, or Pûrva-Bhadrapadâ, then he brings, during his course, to mankind danger of famine, war, robbery, and sickness.
- 8. In the doctrinal work by Parâçara are mentioned seven stations of Mercury, divided over the lunar mansions; they
- ¹ The text has only उपाश्चित 'having approached, standing in,' but the Comm. supplies 'and crushing,' उपाश्चित व्यवस्थित । तानिचोमुद्र-व्यद् विचर्ति. A parallel passage from Kaçyapa has:

रीद्रादीनि यदा पञ्च नचनाणीन्दुनन्दनः। भिनत्ति ग्रस्तदुर्भिचवाधिभिः पीद्धाते वगत्॥

² Comm.: उपपीडयन्योगतारकान्भिन्द्ग्। तथाच काम्रपः। इसादीनि चर्ग् षद्भ गचनाणीन्दुगन्द्गः। गवाममुभदः प्रोक्तः सुभिचचेमकारकः॥

- ⁸ Comm. निम्नतुपमर्दयन्
- 'The Schol. combines पद्धा with जीविक, and interprets accordingly: पद्धावृत्तीनां विश्वक्रभृतीनाम, but this is too great a license, because पद्धा is separated from जीविका through भिषम्.
 - ⁵ The parallel passage from Kaçyapa bears:

पूर्वाचये चरन् भौमो भेदं छत्वा यदा वजेत्। चुच्चस्वतस्वरभयैः बरोति प्राणिनां वधम् ॥

are termed the natural, the mixed, the compact, the poignant, the extreme, the dreadful, and the baleful station.1

- 9. Svåti, Bharanî, Rohinî, and Krttikâ form what is called the "natural station." The "mixed station" is indicated as consisting of Mrgaçiras, Ârdrå, Maghå, and Açleshá.
- 10. In the "compact station" are Pushya, Punarvasu, and both Phalgunis; in the "poignant" one, the two Bhadrapadas, Jyeshtha, Açvini, and Revati.
- 11. The "extreme station" of Mercury comprehends Mûla and both Ashâdhâs; the "dreadful station," Çravana, Citra, Dhanishthâ, and also Çatabhishaj.
- 12, 13. Hasta, Anuradha, and Viçakha are the "baleful station." The same author has indicated the stations also by stating the number of days of rising and setting; to wit, forty, thirty, twenty-two, eighteen, nine, fifteen, and eleven days the planet is standing in the natural station, and the rest in succession.³

अथाख गतयः सप्तच। प्राक्तता विभिन्ना सिङ्घाती ती च्या घोरा पापा योगानिकी (rather यौ॰) च। तच प्राक्तता याग्याग्नेयरोहिणीवाय-व्यानि। विभिन्ना (v.l. भिन्ना) सीग्याद्रीमघा छेषा च (r. ॰षा स) सिङ्घपा पृष्यार्थम्णभाग्यादित्यानि। ती च्या अजावानि चत्वारि प्राक्र स्थ। घोरा चीणि त्रवणादीनि त्वाष्ट्रस्थ। पापा साविचेन्द्राग्नि (r. ॰गन) मैचाणि। योगानिको (rather यौ॰) मूलाषा है (sic).

² The origin and purport of the term योगान्तिका (गितः) is not clear, and the rendering of it by 'extreme' (properly, 'being at the end of the period'?) questionable. From the form योगान्त in v. 8 we may infer that Varâha-mibira considers योगान्तिका to be the feminine to योगान्तक, formed with Samâsânta कप, so that the word is no compound with यान्तक, but with यान्त. Another form (see below) is योगान्तिको, in the feminine gender; this seems to be the preferable, not to say the only correct form; it is no compound at all, but a derivative from a compound योगान्ते.

³ This passage implies that Mercury, when rising in the natural station, will be visible for forty days, and, likewise, when setting in it,

¹ The passage which Varaha-mihira almost copied from the Rshi's work, is quoted in the Comm. तथाच पराश्चरः

- 14. The planet moving in the natural station, there will be healthiness, rain, good growth of the grains, and safety; when in the compact and mixed stations, the good is not unmixed; when in the rest, quite the contrary is to be.
 - 15. After the opinion of Devala there are four motions (or

continue invisible during the same period. Utpala says—चलारिंश-दिति। एतानि चलारिंशदादीनि दिनानि प्राक्ततादीनां गतीनामुद्ये प्रवासेच प्रमाणं। तवाचा प्राक्ततायां नती यदि नुधः खित उदेति तदा चलारिंशदिनान्युद्ति एव तिष्ठिति। चाचास्त्रमेति तदा चलारिं-ग्राहिनान्यसमित एव तिष्ठति। एवं मित्रायां चिंग्रत् र्॰ ग्रा॰. Farther: यद्यपि गणितवासन्येतन्तोपप्यते तचापि पराग्रस्मतमङ्गीष्ठत्वाचार्थे-णोक्तं। तथाच पराग्ररः।

जमादुदितो -भिदृश्यते । तान्येवास्तिमतो भवति । उष्णशीतवाद्वश्च (v.l. वायुवर्ष) सूर्येन्दुग्रहागावेद्यति सस्यविष्यातायच ॥ The Scholiast acquaints us that some other ancient authorities taught the same as Paraçara, for, says he: ज नेवसं पराश्रयेषोत्तं यावद्वर्गादिभिर्पि। तथाच वृद्यवर्गः।

चलारिंग्रत्माञ्चतायां गतावासक्यते नुभः।

मासमेशं विमित्रायां द्र्ययिवाखमुक्ति ॥

चहां द्राविंग्रति साधीं सङ्घिप्तामेख कक्षते।

च्राव्यादं तीर्चायां घोरायां द्र्य पश्च ॥

पापायां पादद्दीनानि तथेकाद्र्य तिष्ठति।

यौगानिक्यामिन्दुसूनुर्नवादं कक्षते तथा ॥

चारवाको च एवोक्तः सोमपुष्क भागगः।

चलावाकः स एव खात्पूर्यमण्डकचारिकः॥

तथाच वाम्यपः।

चलारिंग्रत्तवा चिग्रद् दिनानि दी (sic) च विग्रतिः।

च्राट्यार्थमासञ्च द्र्य चैक्युतानिच ॥

stations), namely, the direct, the very crooked, the crooked, and the defective motion. The periods of the planet moving right, etc., are, respectively, thirty, twenty-four, twelve, and six days.¹

- 16. The "direct" motion is wholesome to the people; the "very crooked" one destroys wealth; the "crooked" one brings danger of war; the "defective" motion produces unsafety and sickness.
- 17. Mercury, when visible in the month of Pausha, Åshådha, Çrâvaṇa, Vaiçâkha, or Mâgha, is dangerous to mankind, but his heliacal setting in the same produces salutary effects.
- 18. When the same is visible in the month of Karttika or Açvina, then he brings about danger of water, thieves, fires, sickness, inundation, and famine.
- 19. Towns which are besieged whilst Mercury has set, shall be released at his rising. Other authorities, however,

नवच प्राक्तताबासु सोमवसूदितस्रथा। चसकुतः सर्वकासं तिष्ठतीति विनिद्ययः॥

Utpala adds that Varâha-mihira himself holds by no means the same opinion with the authorities copied by him: आचार्यसीतज्ञाभिमतं। यतः समाससंहितायामनेनैवोक्तम्

प्राक्ततिमित्रसङ्खिप्तती स्णयी गान्तघोरपापाखाः। गतयो सम्णमासां नोदयदिविसेः सुप्तटं भवति॥

¹ The definition of these four stations or motions is, according to Utpala: प्रकृतिव या खाभाविकी गतिः सा ऋजी। वक्रं कुटिलगितिलमाश्रितख मन्द्यहस्य यदा भुत्र्यभावो भवति तदा स्रतिवक्रा गतिक्चते। ऋजं मार्ग परित्यज्य निवृत्तिं करोति सा वक्रा। विकला विकारिकी (v.l. विकालिकी) गतिया न्यूना॥ See also Ind. Studien x. p. 205, seq.

² Some MSS. of the Comm. write अर्थ, others अर्घ, but all concur in the paraphrase: दुर्भिषं करोति.

say that the (invested) towns shall be taken in case Mercury rises in the west.1

20. When Mercury shines like gold, or is parrot-coloured, or resembles the chrysoprase stone, and shows a smooth and large surface, he is salutary; otherwise, disastrous.

¹ To these 'other authorities' belongs Nandin. Comm.:

तथाच नन्दी।

पद्माधादुदिते सीम्ये समते पुररोधकः। पुनः प्रागुदिते तिसान् पुरमोषं विनिर्दिशेत्॥

Whether this Nandin be the same as the grammarian of the name (Colebrooke, Misc. Ess. II. 49) is unknown; not likely.

² The rendering of सस्वसिंग is doubtful.

(To be continued.)

ART. XII.—The Mohammedan Law of Evidence, and its influence on the Administration of Justice in India. By N. B. E. BAILLIE, Esq.

This subject is of some importance to persons who are resident in Mussulman countries, or our dominions in India, and a brief exposition of it may not be out of place in the Society's Journal.

Evidence is based on testimony, and testimony may be either direct to the point at issue, or to collateral circumstances from which the point at issue may be reasonably inferred. It were, perhaps, more correct to say, that in the latter case testimony is the channel through which evidence is conveyed to the minds of those who have to decide upon it, while in the former case it is the evidence itself. Under the most common systems of jurisprudence testimony of both kinds is received, and the judge is left free to form his own opinion from all the circumstances as detailed by the witnesses. Under other systems, while testimony is equally free, the decision upon it is committed to a separate tribunal, such as a jury. Under both systems there is, perhaps, an inclination to treat testimony, even when direct, as a mere channel of communication, and to take the fact asserted by the witness, entirely stripped of his opinion. There is a necessary exception to this in the case of scientific witnesses and experts, whose opinions form part of their evidence. Under a third system of jurisprudence, only testimony of the direct kind is received, and all right of inference being denied either to judge or jury, the assertion of the witness is raised from mere evidence to positive proof. This is the system of the Mohammedans, and it was probably that of other peoples, at more or less remote periods in their histories, though, amid the increasing transactions of modern times, they have been forced to abandon it. There is some reason to believe that it was once our own.

To enable a witness to speak directly to any fact, he ought, generally speaking, to know it on the evidence of his own senses; and this is required by the Mohammedan law, except in a few specified instances, in which a witness is allowed to speak to a fact because he has been credibly informed of it. Even in these instances, he must testify to the fact at issue in the same way as he would do if he had direct cognizance of it by his own senses. Thus, if he had to testify that a particular person is the judge of such a place, or son of such an one, which he may do if he has been credibly informed of the facts, he must in each case positively aver that the individual is the judge of the place, or the son of the person in question, and he must not assign, as the reason of his testimony, that he has been informed of the facts; for if he do so, his testimony must be rejected. The reason for this distinction is, that his own belief is an essential element in his testimony.

For the establishment of a fact, there must in general be at least two male, or one male and two female, witnesses who concur in averring it in the same terms; and their concurrent testimony is as binding on the judge as the verdict of a jury in England. It is expressly laid down in the authorities that he must decide according to its exigence. The testimony of two or three witnesses is thus legal proof under the Mohammedan law; as it seems to have been in the Jewish. But in the Mohammedan, it is a condition to the reception of testimony that the witnesses be just or righteous persons; and, as none but Mussulmans are just or righteous in the eye of the law, it follows that none but a Mussulman is properly qualified to be a witness. Zimmees, or infidel subjects, are, however, freely received as witnesses against each other, whether of the same or different persuasions; and also against Moostamins or persons sojourning in a Mussulman country, with the permission of its Government. But in no case is the testimony of a Zimmee or a Moostamin admissible against a Mussulman; nor that of a Moostamin admissible against a Zimmee, or even a fellow Moostamin, unless he happens to be of the same country

as the witness. If the character of a witness is impeached, it must be ascertained by what is termed a process of purgation, or inquiry in the neighbourhood; and if he is found to be a person whose conduct in all matters of gravity is conformable to the precepts of his religion, he is deemed to be sufficiently qualified. It has been already said that the witnesses must concur in their testimony. This is carried so far by the leading authority as to require concurrence in words as well as meaning, though by other authorities agreement in meaning is deemed sufficient. It is only farther necessary to observe that witnesses are not required to swear, the solemn word "attest" being deemed equivalent to an oath;—that their character being ascertained by special enquiry before their testimony can be received, it would be inconsistent to subject them to cross-examination as a test of their veracity; and that probably, for the same reason, proof is received only to one side of an issue, and the witnesses are thus prevented from contradicting each other, so that the judge is spared the difficult task of balancing the credibility of one set of witnesses against another. All witnesses must be firmly persuaded of the facts to which they speak,—have no interest in the matter in dispute, nor any hostility to the party against whom their evidence is given, nor stand in the relation of husband or wife, or parent or child, to the person in whose favour their testimony is adduced.1

It has been already said that a witness may sometimes testify to facts which he has not seen. The facts referred to are descent, death, marriage, and the authority of a judge; to all of which he may bear his testimony, when informed of them by a person in whom he has confidence. This concession has been made of necessity, because the facts referred to can be seen only by a few special witnesses, and rights of importance dependent on them might otherwise be injured or delayed. In the manifold transactions of modern times the concession can hardly be wide enough to cover all the cases to which it may be impossible to produce eye-witnesses. As

¹ For other particulars relating to witnesses, see Hamilton's *Hedaya*, vol. ii., book xxi. chap. ii.

some remedy for deficiencies of this kind, a reference is made to the oaths of the litigating parties; and it is now necessary to direct attention to the means by which these are to be obtained.

Judicial proceedings are oral. The parties appear in person before the judge, and the plaintiff is obliged to state his case in such a manner as to be met by a direct yea or nay, on the part of the defendant. If the answer is negative, the plaintiff is asked if he has any witnesses, and if he can produce two or more who can testify to the affirmative of the claim, or to the defendant's acknowledgment of it, judgment is at once pronounced in his favour. If he cannot do so, he may call on the defendant to confirm his denial upon oath, with the alternative of judgment being pronounced against him in the event of his refusal. But, instead of a direct denial of the claim, the defendant may prefer to meet it by a plea in avoidance; as, for instance, if the claim were for a debt, and the defendant should plead payment. Upon this the process is reversed. The defendant becomes, as it were, the plaintiff on the plea, and has to go through the same course, terminating with a similar call on the original plaintiff, now become defendant on the plea, to confirm his denial on oath, with the like alternative of having judgment pronounced against him if he refuse to swear. By means such as these the oath of either party may be obtained. But it is to be observed, that it is only on failure of proof by the plaintiff that the defendant is ever allowed an opportunity of requiring the plaintiff's oath; for if the plaintiff can produce two witnesses of character who concur in asserting the truth of his claim, their evidence is legally conclusive.

Judged by English standards, the defects of such a system are obvious; but its principal fault appears to me to be the excessive power which it confers on the witnesses, and the consequent temptations which it holds out to venality and subornation. In this view it may be of some importance to consider its bearing on the administration of justice in India, where it prevailed for centuries before any part of that country passed under British rule, and has never been ex-

pressly abolished. Great changes were made in the constitution and procedure of the Courts of Justice, in the year 1793, by the legislation of Lord Cornwallis; but scarcely anything was said on the subject of evidence. Accordingly, testimony of the exact Mohammedan type has ever continued to be the common staple of all the courts, except those established at the Presidency towns, and is still as strongly marked in the cases now appealed to the Privy Council, as it was in my experience in India more than thirty years ago. From this I think it may fairly be inferred, that the ideas of the people on the subject of evidence have undergone very little change, and that they are still generally of opinion that facts can be properly established to the satisfaction of courts of justice, only by the acknowledgment of the parties, or by witnesses speaking directly to the point, and concurring in the terms of their testimony.

Assuming this to be the case, let us consider how they were likely to be affected by the changes of procedure to which I have adverted. The first of these was the practical abolition of the alternate reference to the oaths of the parties. For, though the judges were allowed to examine the truth of the complaint, or claim, by the oaths of the parties, it was only if they agreed to that mode of examination, a condition which could rarely be fulfilled. This change, therefore, would very much narrow the field of proof according to native ideas, by practically cutting off from it all such facts as were known only to the parties themselves, or could not be proved by the positive evidence of eye-witnesses. other changes had reference to the character of the witnesses, with regard to whom all distinctions were abolished, and all were alike required to swear, and to submit to crossexamination as the tests of truth. The better classes of Hindoos have a strong aversion to oaths, as by their law none but the lowest caste was ever required to swear; and this change alone was calculated to drive away respectable witnesses from the courts of justice, while as cross-examination might extend to the whole personal history of the witnesses, concurrence in words and meaning, as required by

the Mohammedan law, became hopeless, and positive evidence, under the conditions of that law, all but an impossibility. The field of proof, according to the popular ideas of the country, was thus farther circumscribed, if not shut up altogether; and subornation became almost a necessity, while the facilities to it were greatly increased by the reception of all kinds of witnesses, provided only that they would swear.

If the results have been unfavorable to Indian testimony in general, they are only such as naturally followed from the hasty assumption that the ideas of the people on the subject of evidence are the same as our own, and cannot fairly be ascribed to any greater depravity than is common to other countries; for in all, witnesses are to be found ready to perjure themselves for hire, and suitors unprincipled enough to employ them.

I ought to add, before concluding, that the account I have given of the Mohammedan law of evidence is drawn exclusively from Hanifite authorities; but I do not think that it differs in any material respect from the doctrines of the other sects, except that the evidence of Zimmees, or tributary infidels, is entirely rejected, even in matters between themselves, by the followers of Malik, Shafei, and the Sheeahs.

ART. XIII.—The Mohammedan Law of Evidence in Connection with the Administration of Justice to Foreigners. By N. B. E. Baillie, Esq.

In a paper read to the Royal Asiatic Society towards the close of last session, I gave some account of the Mohammedan law of evidence in connection with the administration of justice in India. I now propose to offer a few observations on the same subject in its bearings on the administration of justice to foreigners in Mohammedan countries. As I shall have to contrast the notions of evidence which such persons may be supposed to derive from the laws of their own countries, with the Mohammedan system, and it may be convenient to run the contrast between only two systems at the same time, I will take our own countrymen as a type of foreigners in general, and I will assume that the ideas of evidence which they carry with them to other countries are the same as those which are prevalent in their own, and are derived from the practice of our courts of justice.

There are, it is probable, some slight differences between the laws of different Christian countries on the subject of But I believe that they are all pretty well agreed, or the more advanced of them are agreed, upon one point viz., that a fact is sufficiently established as the basis of a judicial decree, when the judge, or other tribunal to whom the decision of it may be committed, is satisfied that it is so; that, in short, the opinion of the judge, or other tribunal, is the ultima ratio on the matter of fact; no exact quantum of evidence being usually required, but only so much as may be necessary to produce conviction on the mind. For this purpose testimony of some kind is commonly required. But under the English law the testimony may either be direct to the point in dispute, or to circumstances from which that point may be reasonably inferred. Under the Mohammedan, however, the testimony must always be direct to the point

itself; and I showed in my last paper that when two or more witnesses, otherwise competent, concur in averring a disputed fact in the same terms, their testimony is so absolutely conclusive that the judge is obliged to pronounce his decree in conformity with it, in the same way as a judge in this country is bound by the verdict of a jury. In most cases the law requires the testimony of two male or one male and two female witnesses, and in all it demands their absolute concurrence as to the facts in issue, the highest authority going so far as to require them to state it in the same words. When this concurrence is obtained, the *ultima ratio* on the matter of fact may thus be said to be the opinion of the witnesses.

Besides this, which may be termed a radical distinction between the English and Mohammedan systems of evidence, there are minor differences between them, as I showed in my last paper, which may be again adverted to, as they may help to complete the contrast between the two systems.

Thus, the Mohammedan, as it reposes such entire confidence in the witnesses, takes care that none but persons of established character shall be allowed to give their testimony in courts of justice, and, having provided what it deems to be adequate means for securing this object, does not put their veracity to the further test of an oath and cross-examination. The English law, on the other hand, makes no inquiry into the character of the witnesses, but requires them all, with some trifling exceptions, to give their testimony upon oath, and puts them through the further ordeal of a rigid cross-examination, in the progress of which it allows them to be badgered by opposing advocates, and otherwise treated as roughly as if they had come with the determined purpose of perjuring themselves. Again, since under the Mohammedan law the judge is bound by the testimony of the witnesses, as by the verdict of a jury in England, it follows that evidence can be received only to one side of an issue; while in England, the judge, or other tribunal, being under no such restraint, evidence is freely received to both sides of the issue. Finally, as according to the ideas of Mohammedans, none can lawfully exercise

authority over them, except persons of their own faith, and witnesses are in a manner invested with absolute power in the matter of evidence, it follows that the testimony of unbelievers cannot, in any case, be received against a Mohammedan; while in England there is no preference given to one faith over another, but professors of all religions are received on a footing of perfect equality, provided only that they believe in a future state of rewards and punishments.

While there are so many points of difference between the two systems of evidence, there is one point on which they are both agreed. They concur in requiring that the witness shall have positive knowledge of the facts to which he is bearing his testimony; that is, that he shall know them on the evidence of his own senses. To this rule there is no exception in the English law. The Mohammedan, however, excepts certain facts which are so removed from common observation, that they can be known only to a few persons, and allows a witness to testify to them when he is convinced of their occurrence, either by the information of persons on whose testimony he can rely, or has himself seen other facts from which it is supposed that they may be legitimately inferred. The particular facts alluded to have been mentioned in my last paper; but it is to be observed with regard to all of them, exceptional as they are, that even here the law adheres to its distinctive principle, and requires the witnesses to give their testimony in the same absolute manner, as if they were testifying to them from the direct evidence of their own senses.

Having thus adverted to the leading points of difference between the English and Mohammedan systems of evidence, we are now in a condition to compare them together. The English, admitting as it does all kinds of evidence, direct or circumstantial,—there is hardly a question of fact which arises in our courts of justice that does not admit of solution to the satisfaction of the tribunal appointed to determine it. The Mohammedan, on the other hand, excluding circumstantial evidence altogether,—there are no facts that can be established, according to our ideas of proof, except the very

few for which eye or ear witnesses can be produced, according as the facts fall within the cognizance of one or other of these senses. The English system of evidence is thus the more comprehensive of the two, and in a manner involves the other.

When the ideas of the judge on the subject of evidence are derived from one of these sources, and the ideas of the suitors, or of the professional agents by whom they are represented, are derived from the other, a conflict is likely to arise between the two systems. But when the judge's ideas are derived from the more comprehensive of the two sources, and those of the suitors, or their agents, from the narrower, the judge, though prepared to receive all and more than all the evidence that is likely to be presented to him, having no power to prescribe the kind or amount of evidence that may be necessary to satisfy a particular issue, the elements of conflict will remain dormant, and the conflict itself may be said to be negative. Where, again, the positions are reversed, and the ideas of the suitors, or their agents, are derived from the more comprehensive source, and those of. the judge from the narrower, evidence of a kind entirely different from what the judge has been accustomed to is almost sure to be presented to him, and the conflict will be positive.

Let us first take the case of what we may term the negative conflict, as it is exhibited to us in India in the courts of justice which were formerly styled the Company's Courts, but are now known as those not established by Royal Charter. The judge, under the Cornwallis system, was necessarily a covenanted civil servant of the East India Company, and taken from the well educated classes in this country. It may, therefore, be presumed that, though no professional lawyer, he was familiar with the practice of juries, and carried with him the notions of evidence prevalent among his own countrymen. He would thus be prepared to receive evidence of either of the descriptions before mentioned; that is, direct or circumstantial, that might be presented to him by the suitors, or their pro-

fessional agents. But these were natives of the country; that is, Hindoos, or Mahommedans, and it is not surprising that they should be influenced by notions derived from the Mohammedan law to which the country had been subject for centuries before it passed under British rule. Indeed, I gave some reasons in my last paper for believing that this is still the case. The evidence continues to be largely of the Mohammedan type; that is, direct to the point at issue, and the field of direct proof having been reduced by our procedure to its narrowest limits, the greater part of the evidence is necessarily false. It is usually set aside by the judges—native as well as English—(for the judges of first instance are now almost exclusively natives of the country) with the remark, that, "as for the witnesses, those of each party support his side of the case." But there is seldom anything besides this kind of testimony from which a rational conclusion can be drawn as to the matter in dispute. The result of any difference between the two systems of evidence is thus negative, and the judge is left to form his judgment as he best can from his own experience, and the probabilities of the case.

We now come to the case of positive conflict, where the ideas of the suitors, or their professional agents, on the subject of evidence are drawn from the more comprehensive of the two systems, and those of the judge from the narrower. If I have succeeded in making myself fully understood so far, much cannot be necessary in illustration of this position of things. Let us first suppose, then, that an Englishman is plaintiff in a Mohammedan court of law, and his claim is a matter of simple debt. Both the parties appear in person before the judge, and the plaintiff states his claim. defendant is then asked what he has to say to it. If he simply denies the debt, and the plaintiff has two Mohammedan witnesses who can speak directly to its subsistence, by saying, for instance, that they heard the defendant acknowledge that he owed the money, and no objection is made to the character of the witnesses, judgment must at once be given in the plaintiff's favour. But suppose that the

witnesses are not Mohammedans, then their testimony cannot be received against the defendant if he is a Mohammedan. and the plaintiff is without remedy. Or suppose that, whatever may be the religion of the defendant, the plaintiff's witnesses cannot take upon them positively to aver the subsistence of the debt, though they can speak to circumstances from which it may fairly be inferred, here also their testimony must be rejected, and the plaintiff is again without remedy. Suppose, again, that the defendant, instead of merely denying the debt, sets up the plea of payment, and produces two witnesses in support of his plea. Here, unless their character is impeached, judgment must in like manner, and as surely, be given against the plaintiff; for no contrary evidence can be received on his side, and he is not allowed to question their veracity by cross-examination. True, that he may question their character, and then the trial may be delayed for a local inquiry into it. But if the return to the inquiry be in favour of the witnesses, their testimony is absolutely conclusive, and judgment must be pronounced against the plaintiff.

Sometimes the plea is so dubious that it is difficult to say whether the evidence of the plaintiff, or the defendant, is to be received, and questions of great nicety occasionally arise on this point, which are difficult of solution. Questions of this kind are of frequent occurrence in works on Mohammedan law, but are so dependant on the nature of particular transactions, such as sale, marriage, dower, etc., that no precise rule can be given for their determination, though generally the *onus probandi* is on the party who has to support the affirmative of an issue.

Let us now reverse the position of the suitors, and suppose the Englishman to be the defendant, and the suit to relate to a claim of property—in a chattel, for instance. This is one of the cases where a witness is allowed to testify to a fact, though he knows it only by inference from another fact with which it is connected. Two witnesses are accordingly produced by the plaintiff, who concur in declaring that the chattel is his property, though they know it only from having seen it in his possession. They declare, however, in direct and positive terms that the thing is his—not, however, because they saw it in his possession, for that would mar the effect of their testimony. Still they say that it is his, and this concurrent testimony of two persons of unblemished character, who cannot be supposed to make the assertion except from a thorough conviction of its truth, is evidence that cannot be gainsayed, and judgment must in like manner be given against the defendant.

Or, let us suppose that the question between the parties involves a fact, such as a person's descent, to which a witness is allowed to testify, though his knowledge of it is derived entirely from the information of others. Here, also, if two such witnesses as the law approves should concur in averring the fact, their averment, as it cannot be supposed they would make it unless under a thorough conviction of its truth, must be taken as positive proof of its occurrence, and judgment must again be given against the defendant. To justify a course so foreign to our ideas, as the admission of anything like hearsay evidence in any case, it is to be observed, that the Mohammedan law appears to make little distinction between facts of daily occurrence, and the great facts in Mohammedan history, which command the most perfect conviction, though the knowledge of them has come down to our times on no better foundation than tradition; that is Thus, that Aboo-bekr and Omar, the two first Khuleefas, or successors of Moohummud, were the sons of Aboo-Kohafa and Khattab, respectively, and that Khoodeijah was the wife of the Prophet, and the mother of his daughter Fatima, are facts to which any Mohammedan can testify with the fullest assurance of their truth, though he never saw any of the individuals mentioned. And, in like manner, it is supposed that a witness may be equally convinced of facts of ordinary occurrence, though he has not seen them, and has only heard of them from others. Still, it is only to a few exceptional facts that a witness is allowed to testify from hearsay, or that his testimony, when no better founded, can be received as evidence, however strong may be his belief, or positive his averment of them.

It may be observed in this place, that one of the illustrations above mentioned is derived from the Hanifite, and the other from the Sheeah doctors, and that I am not aware of any difference between the doctrines of these two great sects on the subject of evidence, though they differ materially on many other points of importance.

I will now offer one more illustration of the conflict of ideas on the subject of evidence, because, though the case is drawn from the criminal law, and is less likely to occur in the experience of our Englishman, it places the leading peculiarity of the Mohammedan system in a strong light, and makes the nearest approach to circumstantial evidence, without the intervention of the witnesses' opinion, that I have met with in my reading on the subject.

The case I allude to is culpable homicide. Here, as in all criminal proceedings, intention is of the essence of the inquiry. But the intention may have arisen from ill-will previously entertained, or from sudden impulse. English and the Mohammedan laws distinguish, in these cases, between the mental emotions, and also between the actions resulting from them. One of these emotions is termed malice prepense in the English law, and the resulting action is murder. For the other emotion it has no distinct name, but the corresponding action is termed manslaughter. In the Mohammedan law the emotions are termed amd, and shoobh-amd, or intention, and quasi intention, and the corresponding actions kutl, or homicide, with one or other of these expressions subjoined. Under the English law the distinction between the two kinds of intention, and the corresponding crime, is drawn by the jury from all the circumstances of the case as detailed by the witnesses. Under the Mohammedan, the distinction is supposed to be sufficiently indicated by the nature of the instrument with which the act is committed. When the instrument is a weapon, or something that may serve as such in severing the parts of the body, as a sharpened stick or stone, and an arrow, or the means employed is fire, amd, or deliberate intention, is held to be established, and the crime is murder.

Where, again, the victim has been struck with something that does not fall within this description, though the blow may occasion his death, the indication afforded by the means employed is only shoobh-amd, and the crime is reduced from murder to manslaughter. This was the doctrine of Aboo Huneefa, the leader of the first of the Soonnee sects. His two disciples, Aboo Yoosuf and Mohummud, maintained however that though the lethal instrument were not of the precise description mentioned, yet if a blow from it would probably produce death—as, for instance, if it were a large stone, or a heavy piece of wood—amd, or deliberate intention, may be fairly inferred, and that it is only when the implement is such that a stroke of it would not probably result in death, that the intention would be reduced to shoobh-amd, or quasi deliberate. The doctrine of Aboo Huneefa seems to have been preferred in India while it remained under Mussulman rule, but that of the disciples was adopted by the Government of the East India Company, as coming nearer to English ideas, and continued to be the law of British India till a very recent period. To distinguish the different shades of guilt above mentioned, the Mohammedan law requires that the witnesses should specify the implement by which the deed was done, and that death ensued—as, for instance, that the deceased was slain with a sword. But so far as I can judge from the cases in the books, it is not necessary that they should aver that it was done amdun, or with deliberate intention, that being, it would seem, an inference of the law itself.

From what has been said, it is evident that an Englishman must appear under great disadvantages as a suitor in a Mohammedan court of law. Many cases are likely to occur in which he will find it impossible to produce evidence to the satisfaction of the judge, or which indeed the judge can lawfully receive. While in others he may find that judgment is given against him on evidence that would be deemed wholly inadequate in his own country. I assume, of course, that the judge will act in conformity with the great principles of his own law. I know that he is not necessarily a

lawyer; all that is required of him being that he should have the qualifications of a witness, in order that he may give effect to that power which the witnesses are supposed to possess over the matter in dispute. But, though not a professed lawyer, he has always the Mooftee to refer to, and to keep him right if he is disposed to wander from the straight path of the law. So that any great divergence in practice from the course laid down by the written authorities, is, at least, not probable. Suppose, however, a positive alteration of the law by a mandate from the ruling power, which in Mussulman countries is practically despotic, what would be the consequence? Men do not learn in a day. The judge might, indeed, if so ordered, receive the testimony of an infidel against a true believer. But would a judge, who had always been accustomed to take the fact as directly stated to him by the witnesses, be qualified all at once to decide for himself amidst conflicting testimonies, and from a great variety of circumstances. From the facility with which we see even complicated cases disposed of by our juries, we are apt to suppose that there is a rule of thumb by which men are guided to a correct decision. Practised lawyers, however, know better, and that there is seldom more than one man in our common juries who is capable, even under the guidance of the judge, of estimating justly the credibility of the witnesses, balancing all the circumstances of the case, and giving to each its due weight, and that it is usually through his influence with his fellow jurymen, that they are brought to give a correct verdict

As an example of what we have to expect from even sensible and intelligent men, when set to investigations to which they have never been accustomed, I will conclude these remarks with an anecdote which was told to me by a friend who had been long settled in Bengal, not very far from the Presidency. Within the last thirty years the English judges have been authorized to avail themselves of the assistance of assessors—either from their own countrymen, or the natives of the country—in trials which they may deem of sufficient importance. The assessor sits with

the judge, hears all the evidence, and at the close of it is asked his opinion, which he accordingly delivers, though the ultimate judgment on the fact, as well as the law, is with the judge. What progress the natives of the country may have made generally under this gradual initiation into the duties of jurymen, I am unable to say. The incident I am about to mention occurred some years ago. My friend, who as I have said was resident at a place in the interior of the country, was asked by the neighbouring judge to assist him as an assessor in some important cases that were coming He was obliged to excuse himself on the score of business, but suggested that the judge should avail himself of the service of a highly respectable and intelligent native merchant, who was well known to the judge as well as to The judge's answer to this suggestion of my himself. friend, was to tell him what happened with this very person as an assessor on a recent occasion. "The trial was of some importance (said the judge) and lasted for several days. During the whole of this time nothing could exceed the patience and attention with which my assessor seemed to listen to all that was said by the witnesses. But when all was finished, and I asked his opinion, his only answer was, joining his hands in native fashion, 'Apka jo hookm,' whatever your honour may order." This anecdote I believe to be quite true, not only because it was told me by a person on whose word I can rely, but also because it has such an air of verisimilitude, that I could almost fancy it had occurred in my own experience.

I may add, on the information of an intelligent native of India, recently come to this country, that the native assessors are still much in the habit of watching for any indication of opinion on the part of the judge—not from any feeling of subservience, but apparently from mere incapacity to come to any satisfactory conclusion of themselves. It is fair to say, however, that they have not the benefit of being addressed by counsel, nor, I believe, of having the evidence commented upon and summed up for them by the judge.

ART. XIV.—Translation of a Bactrian Pali Inscription. By Professor J. Dowson.

[The Royal Asiatic Society are indebted to Major F. W. Stubbs, R.A., for the illustrative materials of the following paper. The facsimile of the inscription has been executed in so perfect a form as to be freely legible to ordinarily practised eyes. As Professor Dowson had already distinguished himself in the decipherment of Bactrian Pali writing in his previous articles in this Journal, the explanation of this inscription was, as a matter of course, confided to him. The result appears below. The facsimile of the inscription itself has been reserved for publication, in association with the Mathura series alluded to by Professor Dowson.

The circumstances attending the excavation of the Tope, near Baháwulpúr, and the discovery of the deposit in its foundations, are detailed in the Rev. G. Yeates' letter to Major Stubbs, of which the following is a copy:—

BAHAWALPUR, February 30, 1869.

My DEAR SIR,—I must ask you to pardon my rudeness in not replying to your note long before this, but it reached me just as I was leaving Multan, and I have been on the move ever since. Coming in this direction, too, I thought it better to defer writing till I had an opportunity of again visiting the old tower from which the coins and copper plate were taken.

I regret much that at the time it was opened I was unable to be present. It was in the month of August last, when travelling with my friend, Major Minchin, that, having heard of the tower, we halted near it, but both for want of time and shelter we were obliged to push on, and leave the work of opening it to an intelligent native servant of Major Minchin.

On Monday last we made a trip out to it, intending to have some excavations made, Major Minchin having sent out his tent and a number of workmen some days before, but we were only able to spend till Tuesday evening there. Not much could be done in so short a space of time, and we were again obliged to leave it in the hands of the

498

same man, with directions to leave everything as he finds it, should anything turn up.

Of what we saw, however, I send the following account, along with the rough sketches of the tower and plan.

The name of the place where the tower stands is called Súi-báhár, and is about sixteen miles S.W. of this place, near the road (two miles off it) leading to Ahmedpur. Its present total height is about 45 feet, but report says that 6 or 8 feet have recently fallen. Upon approaching it from the north it is seen that but half of it is standing, having been cut, as it were, right down the diameter passing from N.E. to S.W. Half the entire height is made up of a mound, and about 20 feet above the place where the tower rises from the mound there are the remains of a large square chamber, about 8 feet square, its sides facing the Cardinal points. Above the floor of this the walls at present rise about 11 feet. In the centre of the floor there is a square hole of 16 inches opening into a shaft of the same size down to the top of the mound. This shaft is quite exposed from about 3 feet of the floor down to the top of the mound by the falling away of the half of the tower, whenever that occurred. The tower is solid, built of very large, sundried bricks, 17 inches by 13 inches by 3.5 inches, but in the chamber was formerly a flooring of burnt bricks, of the same size as the sundried ones, laid in lime cement, with the copper plate bedded in the middle, while round the plate, on the four sides, walls of the same kind of brick and mortar were raised, about 2 feet high, forming a sort of chamber, with the copper plate at the bottom. In this the coins, mixed with some pieces of iron, a few beads, fragments of ornaments, all mixed up with ashes and earth, were found. The men who were charged with the clearing out of this unfortunately pulled the whole of the masonry down.

The mound, at first sight, appears to be merely a heap of earth, covered now with the debris fallen from the tower, but, upon examination, it turns out to be a regularly-built one, formed wholly of the sundried bricks, above described. When we arrived on Monday, about noon, such was the state we found it in; the workmen, already assembled, had dug a few holes here and there in the mound, and had come upon some loose burnt bricks at the south-east. After some consideration, we divided the men into two companies, and thinking there might be a second chamber at some distance, under where the first was found, as in the Tope at Manikyala, we set one of the companies to sink a trench at the middle of the mound, carrying it right into the centre of the tower, as shown by the dotted line in the plan; the others were set to work to excavate the mound where the bricks

This is not quite clear; above he says, "In the centre of the floor there is a square hole opening into a shaft," apparently of the same chamber. I have written to inquire the meaning.—F. W. S.

had been discovered. The result of the two days' labour was the cutting the trench into the heart of the tower to a depth of 10 feet below the original level, or 25 below the floor of the chamber, but, as yet, some 10 or 12 feet to the ground level remained unexplored. Nothing down to this was found. The whole had been well built of sun-dried bricks of unusual compactness. The other work proved more interesting, by uncovering a considerable portion of a firmlybuilt foundation, arranged as shown in the plan, consisting in some places of a double wall 3.5 feet thick, with a space of one foot between them. These were built of burnt brick, the same size as the others, but not cemented with mortar. Excavation at this place was very difficult, owing to the quantity of loose and broken brick which overlaid this foundation, the remains, evidently, of what had fallen down from time to time from the tower. Three fragments of carved brick were found among these, of which I hope to send you sketches as soon as they come in.

I return almost immediately to Multan, from whence I shall have great pleasure in sending up the copper plate for you to see.

I hear that there is another tower similar to this in another part of this State, about one hundred miles still S.W. of this, at a place called Noshera. I have asked for fuller information respecting it, and as I shall have business down in that direction soon, I hope to visit it if possible.

Believe me, &c. G. Yeates.

Major Stubbs mentions that of the nine coins found, six are of Kanerki, Ariana Antiqua, xiv. 22, and three are of Kadphises, pl. xi. 7.]—ED.

The Bactrian Pali Inscription discovered by the Rev. G. Yeates, at Súí-bázár, near Baháwalpur, is a welcome and decisive proof, if further proof were needed, of the correct interpretation of the numerical value of the Bactrian numerals, which I submitted to the Society in a former paper (Jour. R.A.S., vol. xx., p. 221).

The Inscription is not long, consisting only of three lines. Its chief, perhaps its only, value as an historical record, is centred in the first line, which contains the date and the name and style of the reigning monarch. The letters of the Inscription are well formed, and, what is very remarkable, each word or compound word is separated from the rest by a small space, thus departing from Oriental practice, and conforming to the more simple and intelligible usage of the West. This peculiarity is not so strongly marked in the third line as in the others; but it must be borne in mind that

the copy furnished is not an impression or rubbing, but an eye copy, and an eye copy, however carefully and painfully executed, can never be relied upon as being an exact reproduction of the original.

I proceed to give, first, a transcript, and then a translation of the Inscription.

TRANSCRIPTION.

- 1. Maharajassa Rajadirajassa Devaputassa Kanishkassa samvatsare ekadase Sam 11. Daisisassa masassa divase atta-viseti 28.
- 2. Antra. vase Bhichhussa Nagadatassa Sakhabhatissa Achayya Damataja-sishassa Achayya Bhavepa-sishassa yattin aropayata. Iha dachhani.
- 3. vihara tachhino Upasika Balanandi dhaja bino bala-jaya-mata cha imam yatti prabha.. ttapa.. vanu parivaram dadarim savvasa tanam.

Hira-sakhina kartam.

TRANSLATION.

- 1. On the 28th of the month Daesius, in the 11th year of the great king, king of kings, son of the Gods, Kanishka.
- 2. Herein in the ? are deposited the necklaces (rosaries) of the mendicant Naga-data, of Sakha-bhati, of the disciple of the Achárya Damataja (and) of the disciple of the Achárya Bhavepa.
- 3. The patron of this Southern-vihár, the lay-devotee Balanandi, the banner-bearer? for his own merit and that of his children, wife. and mother (supplies) this shrine and vessel as a protection for all (the relics).

Hira-sakhi delt.

The first line of the Inscription is fortunately quite perfect; not a single character is doubtful, and the whole of the meaning is clearly intelligible. The third letter of the second line is probably a mis-transcription; if not, it is a character with which we are unacquainted. The word in which it occurs probably applies to the place of deposit, but it is not impossible that it is the word divase, used in the sense of "to-day." There is a want of conjunctions in this line; but it is not likely that all the names apply to one and the same person. The third line is the most defective; still there is little doubt as to its general sense. Dhaja-bino is probably a compound of the Sanskrit dhwaja, a flag. Parivaram is a word which is used also in the Manikyála Inscription, and in that I translated it

by its common meaning of "train, retinue;" but the present Inscription shows it to be used in the sense of envelope or covering. Dadari or Daddari signifies a kettledrum, the vessel containing the relics probably being of that shape.

This Inscription does not extend our knowledge of the Numerals, and it adds but little to what was previously known of the character. It proves, however, that the curl of the foot of a consonant indicates that consonant to be doubled, and not to be always, as hitherto supposed, a consonant combined with r. From the frequent combination of r with other consonants in Sanskrit, this twist of the bottom of a letter represents the letter r more frequently than any other; but as we here find the s curled round to represent the sy of the Sanskrit genitive, there can be no doubt it represents the doubled consonant—that doubled consonant being here the equivalent of sy. In most other instances, as in Achayya for Achárya, it is the equivalent of r combined with another consonant. This substitution of doubled for compound consonants brings the language into much closer relation with the Pálí.

The three words written across the end of the Inscription are, I think, the engraver's epigraph. A similar instance will be found in the Manikyála Inscription (vol. xx., pl. ix). The final word in both these epigraphs is certainly the same. In my tentative translation of the Manikyála Inscription I read the word as bhavatu, for it so closely resembles that oftrepeated word in the Wardak Inscription, that, although I even then had the idea of its being the engraver's signature, I did not feel justified in reading it otherwise than bhavatu. Unlike as are the transcribed words, bhavatu and kartam, the original words are closely alike; bh and k are so similar that one may be taken for the other, and the similarity of the v and r has often been a great difficulty in interpreting these Inscrip-As I here read "Hira Sakhi delt," so on the Manikyála Inscription I would read "Sama-sena (or Sachhasena) kartam, i.e. Samasa delt."

The arrogant title of the King, Devaputra, "son of God,"

¹ See Drawings of the Rangoon Relics. Jour. R.A.S., xvii., p. 299.

502 TRANSLATION OF A BACTRIAN PALI INSCRIPTION.

or, as I have rendered it, "Son of the Gods," was borne by several kings of this race. In the Mathura Inscriptions, it is given to Huvishka and Vásu-deva. Those Inscriptions are just ready for publication, and it will be well to defer all comment upon the significance of the title until they appear. It is likely to prove of some importance, as it is found on the Allahabad column, combined with the Sháhansháhi, who offered presents to Samudra Gupta.

ART. XV.—Indo-Parthian Coins. By E. THOMAS, Esq.

Some months ago M. Wold. Tiesenhausen, Secrétaire de la Commission Archéologique de St. Pétersbourg, consulted me as to the attribution of a class of coins, representatives of which had newly been brought to light by the discovery, in the Government of Perm, of a small bronze vase containing four pieces of the type in question. M. Tiesenhausen forwarded at the same time impressions in tin-foil and rubbings on paper taken directly from the originals; but as these species of facsimile necessarily suffer from transmission by post, they furnished very unsatisfactory means of tracing the course of the singular and imperfectly-outlined marginal legends, which, in effect, constituted the real enigma to be solved. I therefore applied to my correspondent for more complete copies in less perishable materials, in the form of sealing-wax impressions or electrotypes. To my surprise, in reply I received the three accompanying excellent woodcuts, executed in the Russian Capital, together with engravings of two additional medals of cognate stamp, which, with considerable Numismatic acumen, had been traced in other accessible collections.

¹ As M. Tiesenhausen's letter refers to other finds, and criticises their associations, I reproduce the document entire:

"Veuillez bien m'excuser que je prends la liberté de vous incommoder en soumettant à votre jugement une petite question en fait de numismatique. Voici de quoi il s'agit.

"Il y a quelques semaines qu'en Russie (au gouvernement de Perm) a été découvert un petit vase en bronze renfermant quatre monnaies en argent, dont

j'ai l'honneur de vous envoyer les empreintes ci-jointes.

"A juger d'après le type de ces monnaies je serais tenté de les attribuer à quelque roi indo-scythe, mais cette supposition me semble être revoquée en doute par une autre trouvaille (faite en 1851 dans la même contrée) qui outre une monnaie du même genre contenait quelques monnaies sassanides (du VIe siècle) et des monnaies byzantines d'Héraclius et de sou fils Constantin. Puis les lettres qu'on voit sur ces monnaies diffèrent de celles qui se trouvent sur les monnaies indo-scythes.

"Plus versé que moi dans cette sorte d'études je ne mets pas en doute que vous

ne réuissiez à resoudre la question.

"Agréez, Monsieur, l'expression de mes sentiments les plus distingués avec lesquels j'ai l'honneur d'être''----

These coins are of considerable typical interest, and open out an entirely new field of historical research; but I must confess that my success in their decipherment has not been commensurate with my own wishes, or the too sanguine hopes of my Russian coadjutor. Nevertheless, I do not hesitate to publish what little I have been able to read, and to follow out more largely the associations involved in the die-devices, in the desire of drawing attention to the special subject, and inviting a search for similar specimens in other public and private cabinets,1 as it is well known that a single letter, on many a defaced piece, will often give the clue to a comparatively complete sentence still wanting in the touch of vitality. While in the stage of preliminary confession, I must moreover frankly premise, that, although in this case almost every typical coincidence points to a near association with the Parthians in Bactria, or more directly southern and western localities, and the leading geographical evidence lends itself to a similar conclusion, yet the authoritative resolution of the ornamental scroll over the horse's loins (in No. 1) into the Kufic word فضل, would fatally demonstrate that the epoch now suggested must be extensively reduced in point of time. The unknown letters on the margin, at the foot of coins Nos. 2, 3, 4, have, moreover, a suspiciously current or cursive appearance, and certainly do not accord with the stiff and formal outlines of the freely legible Malka, in the opening letters of the variety of Syriac here employed. We have too many striking instances, in the series of Indian and quasi Indian Coinages, of the indigenous faculty of imitation, and delight in the reproduction of fixed and accepted designs, at times persevered in mechanically till all trace of the original

character to Nos. 2, 3, 4 has been discovered in the choice collection of Gen. Abbott, formed in the Hazara country of the Punjab, and which has lately been added to the Numismatic Treasures of the India Office. The piece in question, though it contributes nothing to our knowledge in the matter of types or legends, gives us very significant hints in the direction of identities of metal, which, in the greasy alloy, seems to fall in with the ideas of Arachotisn and other Nickel-using sites. See Apollonius of Tyana, quoted in J. R. A. S., xvii. pp. 72, 77; Strabo, xv. c. i. § 34?; Pliny, N. H. 34, 2, and 37, 42; and in these days, Gen. A. Cunningham, Num. Chron., N. S., viii. p. 279, etc.; with Dr. W. Flight, ibid., p. 305.

seems to fade before the eye; so that typical resemblances and even close and seemingly immediate copies cannot be taken to prove what they certainly would demonstrate under other and less exceptional circumstances; and we may yet have to surrender the choicest of our specimens, in this limited list, to stand as a monument of Bahrám Gor's visit to India, or as a symbol of Muhammad bin Kásim's first intrusion on the Lower Indus.

No. 1. Silver. Musée Asiatique, St. Petersbourg.



There is little or no trace of Parthianism in these devices, except in the peculiar tooling of the neck ornament.\(^1\) The obverse head would almost seem to represent a young Indianborn Greek, who was so far reconciled to local customs as to wear the moustache, and to recognize the advantage of a turband. The eagle crowning the rider on the reverse may, perchance, further imply a newly erected kingdom.

The free action of the horse recalls the attitude of the front charger of the Dioscuri of Eucratides, or the single horseman of the Bactrian Philoxenes; but here the huntsman supplants the warrior, and the seat and saddle, and even the horse itself, if truly designed, are Indian rather than Greek. The dog (if such it be) is also an innovation upon

The letters on the Parthian coins are what we should call nail-headed (not arrow-headed), i.e. the characters, instead of being cut out and sunk on the die in continuous lines, are produced by a series of holes drilled in consecutive order upon the main outline of the letter. On the coin itself these stand up like the brass nail heads on a well-made chair. A similar system of dotting the leading outlines of the characters was in favour among the Indo-Scythians in Bactria. An authoritative ink-tracing could be followed mechanically by this means with great exactness, where a free engraving might, under the circumstances, have simply proved impracticable.

² Journal des Savants, 1836, pl. ii. 5; Ariana Antiqua, pl. ii. 17; Prinsep's Resays, ii. p. 187, pl. xv. fig 1.

³ It may possibly be the foal following the mare.

ordinary medallic devices. The use of the adjunct of the eagle placing a chaplet on the king's brow was seemingly derived, in the first instance, by the Parthians from Roman teachings; it appears on the coins of Phraates IV. and Tiridates II. (B.c. 37),1 but soon gives way to the more natural winged figure of victory. The legend on the obverse I am as yet unable to decipher, but I must add, that I have neither seen this particular coin, nor even obtained rubbings or impressions of it. The curious ornamental scroll over the crupper of the horse has been read in St. Petersburg as the Arabic term نضل "excellence, wisdom;" but although such an interpretation might be put upon the letters as they appear in the woodcut, I should not, as at present advised, be disposed to concur in any such rendering, though I must confess that the word in front of the king's profile looks more like cursive and comparatively modern Sassanian Pehlvi than any other scheme of writing with which I am acquainted.

No. 2. Silver. Cabinet of Comte Stroganoff.



This coin and the two succeeding specimens present us with more distinct Parthian peculiarities. The head-dress on the obverse would, at first sight, appear to have nothing in common with the ordinary upright Tiara helmet² of the

¹ Longpérier, pl. ix. 8, 9; x 5, 6, 7; Lindsay, pl. iii. 65, 56, 57.

This seemingly top-heavy head piece owes all its misrepresentation to the profile treatment—conventional with the Parthians and Sassanians. When brought to the test of modern helmets, but little exception need be taken to its form or balance; it follows in its construction the far more ancient pattern of the Assyrian kings; and the curious in these matters can examine both the prototype and the modified adaptation in extant specimens in the British Museum. The earlier casque is close and compact, sitting well on the skull, while the Parthian pattern, though raised enough in its side-glint as to suffice to awe the Romans, was really a better protection against a direct blow than the previous model, and far more effective under the military aspect. The specimen in the British Museum is little more than a well-made steel morion, without the flaps, fully realizing the

Imperial dynasty; but although the local turband is retained in a somewhat reduced and modified shape, the ornamentation at the top, so seemingly exceptional, can be readily traced to an association with the crest pattern introduced by Phraates II. (B.c. 136-126), and maintained in occasional use by Sanatruces¹ (B.c. 77-70), finding favour among the local kings of Edessa,2 and appearing in a less formal design on the Eastern Parthian coins of Sanabares³ (A.D. 2). The horseman on the reverse is a close copy (even to the details of the double-thonged whip and occasional hooked ankus) of the charger, which continued to furnish the standard device of so many monarchs of the Parthian race in Bactria, Gondophares, Abdagazes, Arsaces, etc., whose dates are roughly assumed at from about B.C. 26 to 44 A.D.; and, singular to say, we have an example of a nearly similarly outlined horse in the Parthian Imperial series proper, on the money of Artaban III. (on a coin dated in A.D. 13), where the unkempt hair around the front face of the monarch, typical of the fashion prevailing amid the tents of the Dahæ (?) nearly fills one surface of the coin, while his charger on the reverse might fairly claim kindred with the Bactrian-bred steed.4

The physiognomy of the king on the obverse of Nos. 2, 3, 4, bears no analogy to the conventional Parthian portraiture, but is clearly derived from Indian ideals of the human face. The almond eye, the slight moustache, and the smooth-shaved rounded jowl, all associate themselves with Eastern models, ranging from the Kodes coins of Seistán⁵ on the one side to the earlier Surashtran pieces of 'the Sáh kings,⁶ and the later types retained by the Guptas.⁷ Hence, in admitting local influence in the composition of the profile,

definition of the surface of polished Margian steel (Plutarch), rivetted with copper bands and bosses, gilt in effective contrast to the grey iron.

Longperier, pls. v. 7, 8, 9.; vii. 4, 5.

Bayer, Historia Osrhoena. Abgar's tiara, p. 130.

Longpérier, pl. xii. 4; my Sassanian Inscriptions, p. 121; Prinsep's Essays, ii. p. 215, note.

Visconti Icon. Greque, pl. 50, No. 2; Longperier, pl. xii. 9.
Prinsep's Essays, i. 337; ii. 203, pl. xiii. 11, 12; Ariana Antiqu

⁵ Prinsep's Essays, i. 337; ii. 203, pl. xiii. 11, 12; Ariana Antiqua, pl. ix. 1-5; Numismatic Chronicle, vol. iv. N.S. p. 210.

Prinsep's Essays, ii. 94; J.R.A.S. 1850, vol. xii. pls. i. ii. p. 72. J.A.S. Bengal, and Prinsep's Essays, ii. pl. xxxvii. 16, 17, etc.

we must infer either an entire surrender of Parthian predilections, a facile concession to indigenous art, or a supposition of confession of fealty by the established dynasty, and their recognition as local rulers by the Parthian Suzerain. Among the minor indications may be noticed the germ, or possibly the later development, of the Sassanian broad floating fillet, together with the crescent in front of the head-dress, which, though essentially Sassanian, was not exclusively so, as the Guptas alike affected the symbol.¹

One of the reasons for preferring the later date for these coins consists in the fact, that the similitudes of the wave of the curl and general arrangement of the crest are undoubtedly closer, and more marked between the comparatively subsequent Parthian issues of Pacorus II.² and Vologeses IV. (A.D. 148-190),³ than those of the primary patterns employed by Phraates II. and Sanatruces. And the elegant leaf-scroll, pendant from the Indian turband of Nos. 2 and 3, finds a curious and almost exact counterpart in the ornamental fall at the back of the Parthian tiara introduced by the identical Vologeses IV.,⁴ revived or retained in use by Vologeses VI.,⁵ and Artavasdes,⁶ with whom the

² Lougpérier, xv. 6. ³ Ibid. xvi. 11.

Longperier, xviii. 6; Lindsay, vi. 31.

¹ J.R.A.S. xii. pl. ii. figs. 39, 49; Ariana Antiqua, xv. 17, 18; Prinsep's Essays pl. xxvii.

Longpérier, xvi. 11; xvii. 7; Trésor de Numismatique, pl. xxi. figs. 13, 14, 17; Lindsay, vi. 8.

⁶ Longpérier, xviii. 11; Sassanian Inscriptions, p. 127. It will be seen from these repeated references how largely I am indebted to M. A. de Longpérier's "Mémoires sur la chronologie et l'iconographie des Rois Parthes Arsacides" (Paris, 1857), which so deservedly won the national grand prix de numismatique of its day. The essay in question being avowedly fragmentary and incomplete, has, I regret to say, been temporarily withdrawn from circulation, so that I may be accused of parading references to a comparatively inaccessible work. This objection has, however, been in a measure removed by the reproduction of the author's leading classifications in MM. Rollin et Feuardent's Sale Catalogue of 1864, where the various coins are described in consecutive order, and the more prominent modifications in the historical arrangements introduced by M. de Longperier, are clearly given under his sanction. Apart from the leading triumphs of M. de Longpérier's latest rectification of the recognized French Specialité in Parthian Numismatics, I may add that no series of Oriental coin illustrations of equal merit has been produced in Europe since Marsden's time; and if the author should still feel any hesitation or reserve in publishing the necessarily elaborate details of such an obscure and complicated section of the world's history, he has already so successfully encountered in part, let us hope that he will, at all events, permit this present generation to benefit by the admirably arranged pictorial classification of the existing plates that illustrate his prize essay.

Areacidan dynasty became finally extinct. But, here again, we must be cautious how we pronounce for any definite period for these fashions, or pretend to determine priority of usage, even if the more safe course would not be to refer both adaptations to more or less pervading provincial designs.

Nos. 3, 4. Silver. Cabinet of Comte Stroganoff.

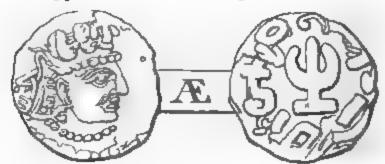


The monogram, at the back of the horseman on the reverse, offers another instance of the strange modifications ancient devices may be subjected to, in the hands of artists who probably did not comprehend the intent and meaning of the prototype. I have felt some diffidence in identifying the odd jumble of lines on No. 1 as a reproduction of the Parthian eagle; but, in truth, the original designs, on the Imperial issues, did not contribute any very exact delineation of the sacred bird, and the Indian copyist may have been even less instructed in ornithology and less conversant with the flight of eagles than the Western designers; while his own imitators may well have failed to detect a likeness he himself was incompetent to give effect to. Be this as it may, the symbol or device on Nos. 2, 3, and 4 has clearly arrived at the monogrammatic stage, though quaint traces of the bird's head are still to be detected on Nos. 2 and 3. The monogram, in its advanced form, is assimilated to several designs in favour with neighbouring dynasties; in its lower limbs it singularly accords with the special stamps or crypto-monograms employed by Kadphises, Kanerki, and Ocerki 1; while in its central upper portion it approaches nearer to the Indo-Sassanian design, which occupies the entire coin reverse, depicted in pl. xvii. fig. 20 of Wilson's Ariana Antiqua,9 and otherwise, in

Ariana Antiqua, pl. z. 5; zi. 16; ziv. 1; and pl. zzii. No. 165, et seq.
 See also zvii. 21.

general characteristics, it has much identity with the ordinary mystic diagrams of the Sassanian seals¹; but both these latter may well have been merely continuous imitations or developments of an abiding ideal, varied according to the tendency of the nation, or the whim of the moment, in their minor details.

No. 5. Copper. Musée Asiatique, St. Petersbourg.



The obverse head in this instance shows a considerable amount of degradational treatment, even upon the imperfect models, which it clearly follows. The change in the reverse device is important, not only in removing the mintage from any very close connection with its predecessors, but in shadowing forth a possible change in locality. At first sight the symbol which occupies the field appeared to belong to some of the many forms of the Indian Trisula, or trident, which was already recognized as peculiar to Siva; but a more probable association presents itself in the classic trident of Neptune, which served as the leading device for so many Greek currencies, and which had originally been propagated in proximate localities by Demetrius of Bactria, where its employment is supposed to mark some sea-board conquest, or in

J.R.A.S xiii. 425, et seq.; Mordtmann Zeitschrift, 1864, Nos. 63, 101, 124,
 Lajard Culte de Mithra, pl. x., numerous examples, but especially No. 13.
 Also plates xlv 1, 2, 4, 5, 8, 15, and liv c 6, 7, 8, 9 16, 19, 20, 21.

² See coins of Kadphises (105 B.c.); Ariana Antiqua, pl. x. figs. 5, 12, etc., and of Kanerki, pl. xii. fig. 4; Ocerki, pl. xiv. fig. 14.

^{*} Among others, Berytis, Carystus, Corcyra, Leucas, Lipara, Massana, Raucos, Tenos, etc.

A coin lately published by Gen. Cunningham in the Numismatic Chronicle, vol. iz. N.S. pl. iv. fig. 7. Obverse, Shield of Minerva. Reverse, Trident, Legend, ΒΑΣΙΛΕΩΣ ΔΗΜΗΤΡΙΟΥ. Monogram, Η. See also N. C. viii. p. 202.

Other types of Neptune are to be found in the Bactrian series, on the coins of Antimachus Theos (Prinsep's Essays, ii. 183; Mionnet Supt. viii. 466); Azza (ii. 207, pl. xvii 14), and Ariana Antiqua, vii. 5.

⁽ii. 207, pl. xvii 14), and Ariana Antiqua, vii. 5.

Menander's Dolphin (Prinsep, ii. 194) may have a similar bearing, and the fish tails of the figure on the coins of Telephus (ii. 198) may suggest a like idea.

the limited geographical notions of the day, an advance to some big river or inland lake which stood for the ocean itself.

Having completed the incidental references to the coin devices, I now approach the more difficult task of endeavouring to explain the legends themselves. Those illiterate savages, the Parthians, finding themselves, amid the chances of conquest, domesticated foreign rulers; in the absence of an alphabet of their own, very wisely accepted the varieties of writing current in the localities in which they settled. Among the leading and more important systems they are found to have taken advantage of, the following may be enumerated:—

- 1. Greek, which was taken over as the Court and Official language, ruling in the dominions of the Seleucidæ, about 255 B.C.
- 2. The Bactrian, or the special adaptation of an originally Semitic alphabet for the expression of an Aryan language, which appears upon Parthian coins, about 110 B.C.
- 3. Various forms and modifications of Phænician and Aramæan, in use on coins following the leading type of the Tetradrachms of Euthydemus of Bactria, of uncertain date; and several other modifications of an old type of Syriac, such as that found on the coins of Edessa, and subordinate branches of coinage of indeterminate locality, hereafter to be noticed.
- 4. The double alphabets of the Pehlvi (now discriminated as Chaldæan and Sassanian), which intrude among the Greek legends so early as A.D. 2, and which finally supersede the Greek itself about the third century, A.D.

The present inquiry is only secondarily concerned with either the Greek or the Bactrian alphabetical adaptations of the Parthian dynasties, nor does it seem to touch, except in a subordinate degree, any of the outlying branches of the duplicate Pehlvi systems; but these concessions limit, in a corresponding degree, the free area of interpretation of the characters now under consideration; and, as such, I have to examine them with more formality than I should otherwise consider their due. The first outwork to be assailed is the

series of the once-denominated Characene imitations of the Euthydemus' type. 1 Now that M. W. H. Waddington has so critically drawn within its proper circle the heretofore loose arrangement of the issues of Characene dynasty, we find that their coins have no connexion with the Bactrian series beyond an irregular derivation in common from the leading types of Antiochus II., whose medallic designs were imitated alike by Euthydemus of Bactria, and other more Western claimants for dominion, under a possible notion of some hidden virtue in his conventional Numismatic Ægis. So that the entire series of degradations from the pure Euthydemus type must be made to adhere to their own definite matrix, or limited to exceptional prototypes of Antiochus II. in his good Greek form, but entirely divorced from the bearded portraits, whose living originals ruled over the migratory Arab tribes at the head of the Persian Gulf.2

Now that the general horizon has been cleared and the imitations of the original Euthydemus' type may be treated independently on their own merits, they are found to declare themselves as unmistakably Parthian. Some of the preliminary degradations probably follow merely decadent Greek models, but when once Greek letters so entirely disappear as to leave only their shadow behind them, from that moment the epigraphs merge into more or less intelligible barbarian or composite and exceptional writing, and associate themselves with a correspondingly deteriorated representation of the classic face of Euthydemus, the Magnesian. The importance of these coins, therefore, in the present case, only commences when they are sufficiently degraded to have emancipated themselves from all reminiscences of Greek writing, and then, strange to say, they become so completely Parthian in their obverse types as to admit of ready identification with the portraits of certain members of the Imperial list, whose tiaras are distinguished by modifications, which, as has been already shown, they share in com-

² M. Waddington's list extends from Hyspaosines, B.C. 124, to Attambelus V., who dates subsequent to 122 A.D.

Revue-Numismatique, Paris and Blois, 1866, p. 303. See also Mr. Vaux's paper in the Numismatic Chronicle, O. S. xviii. 137.

mon with the Indo-Parthian pieces which form the special subject of the present notice. The chief peculiarity of the later imitations of the Euthydemus' type consists in the substitution of a coarse bossed helmet for the classic chevelure of the Greek commander; and coincident with this change, the helmet itself is ornamented with a sort of spiked-crest, similar to the Edessa and other varieties of the Parthian tiara; and, more remarkable still, the debased type copies directly the cheek-plate or bar in front of the ear, which first occurs among the various coin portraits of Mithridates I. (B.c. 173-136),1 the earliest Arsacidan who fully penetrated into these lands;2 its next appearance is on the money of Phraates II. (B.c. 136-126),3 when it is associated with the curious crest ornamentation, which the French Numismatists describe as "une tiare spherique ornée de figures de cerf et d'une corne de taureau." 4 The Mithridates' tiara is nearly covered with bosses, and the Phraates' helmet retains them in equal prominence, as far as the alteration of pattern permits. However, without insisting upon any direct and immediate reproduction, these coincidences are curious, and their specification is necessary to prepare the way for the consideration of the legends themselves. I take these up at the point mentioned by M. R. Rochette, in his notice of the collection of the Baron Chaudois, where they are described as "toujours figurée avec les mêmes caractères." 5

The number of letters on these debased pieces is only seven in all, which I transcribe into modern characters as אלכא 'כא 'כא 'כא 'מקלבא 'King Arsaces.''

The most anomalous incident connected with these legends is the odd variety of alphabetical systems from which these few letters seem to have been derived, or, under our obligations of trying back for identifications, to how many con-

¹ Longpérier, pl. iii. 8; Lindsay, i. 18-20.

² Vaillant, i. 40. Phraates I. must already have had some conflicts with the Bactrian Greeks, to judge from his appropriation of Eucratides' Dioscuri Reverse and the Indian Elephant, without claiming more directly the Indian bearing of the head of Bucephalus.—Longpérier, ii. 9, 10, 11, 12.

³ Longpérier, v. 7, 8, 9.

⁴ Trésor de Numismatique, Rois Grecs, pl. lxvii. No. 16, p. 141.

⁵ Journal des Sav. 1834, June; 1835, Sept. p. 515; Ariana Antiqua, pp. 224-5.

flicting schemes of writing it is necessary to refer for the prototype of these eccentric modifications. The initial DM, allowing for its being reversed, belongs to the Phænician series of Esimunasar of Sidon (599 B.C.). The L might stand for a reversed by s of Sargon's time, or the Greek z s on the coins of Arsaces V. The 7 k follows the old model of a Phœnician I G, a form which was preserved in many varieties of Aramaic and Pehlvi. The N A, final, is more like a Chaldao-Pehlvi T than an ordinary Semitic A, and it is only by reverting to the Syriac of Edessa that we gain a hint as to its original formation. The 'I in Isak or Asak has to be taken from the Sassanian alphabet, and a similar origin has to be assigned to the succeeding D s, the modern Pehlvi 3 and respectively. And the final 7 k is a repetition, not always constant, of the third letter which precedes it in the name.

There are two other classes of coins which seemingly have a direct or indirect bearing on the present inquiry, and therefore may claim a passing notice. The first in order are the series in silver and copper, originally made known to us by Sir A. Burnes¹ in 1833. They present on the obverse a well-executed Phænician-looking head, uncovered except by the bandeau, which forms the fillet; the hair itself being allowed to fall heavily at the back of the head, but it is cut square over the eyebrows;2 there are traces of a slight moustache, and a crescent over the forehead completes the picture. On the reverse there is a crude fire altar, the central support of which is worked into an odd device like a This I transcribe in modern characters as מכל מיכל Malka Mikal [BAZIAERS METAAOT.?] The initial 2 m there can be no difficulty about. The 5 L is similar in form to the M already adverted to on the Barbarous Euthydemus' money.

¹ Journal As. Soc. Bengal, 1833, pl. xii. fig. 9; Burnes' Bokhara, vol. ii. pl. iii. fig. 9; Prinsep's Essays, i. p. 34.

² This portion of the portrait is like the heads in the fourth and fifth groups at Persepolis, who bring offerings of dromedaries and wild asses for the Great King (Ker Porter, vol. i. p. 616, plates 42, 43). There is this difference, however, in the general detail, that the men in the sculptures are all bearded.

Note that is the ordinary closed-in ⊃ K (forming nearly a triangle, with a small back stroke, peculiar to the Bactrian ¬), which occurs on the coins of *Ibiganá*, whose mint types also follow a derivation, much deferred, from the original devices of Antiochus II. and Euthydemus.¹ The ℵ A in the Malká is a

¹ Dr. Scott, Numismatic Chronicle, xviii. p. 28, pl. i. figs. 7, 8. I rather question Dr. Scott's *Ibilad*, because his *l* in the name is a totally different letter from his assured *l* in Malka. The name may be *Ibigand* (الجريفنو) or Abidana.

To the left, at the back of the head, reading from the *inside* (variant אולכאוא) מלכאוא.

To the right, in front of the profile, reading from the outside—יכאנויא מפאכי The peculiar massing of the hair is important, as indirectly connecting the portrait with the fushion in use by Attambilus II.

On the Reverse, or the face bearing the Parthian bust, there are three detached words; at the back of the head are the letters and; and in two parallel lines, in front of the profile, are to be seen the words and with a Greek monogram, containing the letters MANZ, similar to the monograms on the coins of Attambilus II. of Charax, A.D. 51-60 (Waddington, pl. xii. 13), with a separate Syriac monogram, comprising the independent letters ON AM (Ambar). The whole of which legends may be loosely modernised into

ملكازا مانذيا طپاكي ذمة ِرمس ِروم

Malchijah Toparch (Τοπάρχης) of Monzar, Tributary (¿) of the Roman of Rome.?

Or, Malchijah of the tribe of Mondar, Toparch of Ambar.?

The characters of these legends follow many of the peculiarities of the alphabet now known as "Mandaite," but the exceptions to any fixed uniformity of derivation are numerous and conflicting inter se. The L is admittedly exceptional in form, but we have authority enough for its true value in parallel writings. The P is also a doubtful letter, and liable to be confounded with the U, neither, of which are quite positive. The H follows the outline of the assured ☐ in the N☐N of the coins of Val. (N. C. xviii. pl. i. fig. 1), but the consistency of outline is not maintained in the extant examples; indeed, some of the letters which I propose to read as n may as well be taken for little used Y. My greatest difficulty, however, was to satisfy myself of the import of the opening letters in the parallel lines on the reverse, which are, perhaps, the most important as well as the most strange characters of the whole series; they would match with no single example of the extant alphabets. At first sight I suspected them to be strangely perverted 1 G's; they had something in common with a Nestorian I H; some subordinate likeness to a Palmyrene 🗅 TH; but at last it struck me that they must be considerably modified forms of the Samaritan \(\mathbb{R} \), which is enlarged at the point and dotted in several of the later alphabets.

The most singular part of the whole set of anomalies, here encountered, consists in the use of the *Izafat*, or short 1, as the connecting genitive, prefixed to the words; some such system of definition, however, was probably already in

very unusual form of that letter; and here, again, the character might equally be resolved into a π τ . The remaining letters are all repetitions except the 1, which follows a Sassanian Pehlvi model, the z=z of the modern Pehlvi.

We have no direct means of determining the locality to which these coins belong. The Fire altar on the reverse points to Persian associations, and the style of the letters, without limiting their site to Mesopotamian kingdoms, clearly indicates a derivation from or connection with some of the indigenous branches of writing, which possibly influenced in their spread the alphabets of the Southern coast towards the Indus.

The other class of coins to which I have alluded as possessing some features in common with the series under review, have heretofore been known by the designation of "Kodes," whose name they bear in imperfect Greek characters. These pieces were ordinarily associated with the issues of the Bactro-Greek dynasties, but later investigation proves them to have followed on in succession to certain types of Antiochus II.,

use in these localities, as we find on the earliest Peblvi coins of Ziád-i-Abú Sofián and his successors a similar method of conjunction (J.R.A.S. xii. p. 290). It must be admitted that these results are anything but conclusive; still, a beginning has to be made somewhere, and new materials and frank discussion may equally advance the present inquiry. Though looking to the confessed imperfection of Sabasan alphabetical systems in general, and the very damaging examples of defective spelling, immediately contributed by the Characene prototypes, under their Greek aspect, the rehabilitation of which has ever left incertitude in M. Renan's mind, there need be no reserve in acknowledging the difficulty of fixing the values of the letters, or determining the meaning of the legends contributed by the imperfectly settled communities, who were not bound to follow any one system, either in language or orthography, but who lived in the happy facility of borrowing terms, and their means of expression, at will, from any of the more advanced nations encircling their own quasi-desert life. The Numismatic links in the chain of evidence are, on the other hand, singularly complete; and, if it depended solely on their indications, there would be little hesitation in pronouncing that the coins themselves must belong to some local governor, on the part of the Romans, over the dominions of the Mondar Arabs of Irak, and probably represent Trajan's conquest of lower Babylonia in 116 A.D., associated with the submission of Attambilus of Mesene (Dio Cass, Ixviii. 28; Sale's Korán, preface, p. 13). The Greek monograms accord with such an inference, and the Syriac monographic letters am occur in like manner upon the direct imitations of the Characene coins bearing the name of *Ibigana*, already adverted to.

These coins are not uncommon in Northern India, but, as far as my own experience extends, they are usually met with as isolated specimens, as if their point of issue had been elsewhere; on the other hand, to judge of the localities whence the other examples of the class have been obtained, there is no reason to refer their origin to any specially Mesopotamian site.

possibly through the intermediary of another (local) prince of the same denomination. The proper Kodes coins bear on the obverse a head, imitated from the prototype of Antiochus II. with the Bucephalus reverse,1 but which had already passed through one stage of degradation at the hands of an Antiochus, who modified the profile considerably, and notably departed from Greek rules in the introduction of the light moustache, the reversal of the direction of the head, and the introduction of a Semitic legend. The head of Bucephalus is here replaced by a Scythic archer, but the Greek legend, hopelessly debased, of BAZIAEDZ ANTIOXOT, is perpetuated in as much completeness as provincial knowledge could still achieve, and the quasi Semitic legend on the obverse resolves itself into the component elements of אנתאבו, Antáku or Antaáku. The succeeding Kodes coins themselves are marked by a similar obverse head, which returns to the normal position; but the device on the reverse is modified into a spearman, with flames issuing from his shoulders, a peculiarity he shares with the figures of the Kanerki Indo-Scythians,3 while other types of Kodes money reproduce the Bucephalus head of Antiochus II. The legends of these issues are couched in imperfect Greek, which may be restored as follows: - KOLOT (at times TPKOLOT), and on the reverse ОРАНЕРОТ МАКАРОТ (sic) [Mákapos] (coin) of Kodes (the guardian) of the sacred great fire. But it is doubtful if Kodes is a name at all, and its conjunction with the TP THY Fire (Persian هربه, هير, خور, هور, the ur of the Chaldees)

¹ Seleucus Nicator introduced this device, which is supposed by some Numismatists to refer to Bucephalia on the Jhelum. (Leeke, Num. Hellen, i. 21; Num. Chron. xviii. 138; Trésor de Numismatique, Rois Grecs. p. 84.) Mithridates I. of Parthia and Phraates I. make use of this type. (Mionnet, v. 649; Trésor de N. pl. lxvii. 7; Longpérier, pl. v. 12.)

Much licence has to be claimed in arriving at this result. The leading alphabet is Chaldao-Pehlvi, and the first, third, fourth, and seventh letters follow that system consistently, but the second letter is a bad Greek N, and the penultimate is rather Bactrian in its aspect; and, moreover, it must be noted that the Pehlvi N A's consist of a mere cross, which might otherwise authorise their being read as D M's.

Ariana Antiqua, pl. xii.; Prinsep's Essays, i. p, 124, etc. vol. IV.—[NEW SERIES.]

may require its identification with some of the derivative forms of قَدَسَ جَرِبُ purus fuit.¹ Such a combination would have this to recommend it, that it would form a near transcript of the opanepor makapor, which being analyzed may be resolved into ή "great," Athró, "fire," "Μάκαρ, "blessed." this case the coins themselves might be supposed to have been minted by the hierarchy of some great Fire temple. The Semitic legend occurring upon certain varieties reads freely as 1713 Kodo,4 but there are three letters following this word, new examples of which may alter or confirm the whole interpretation above suggested. At present, however, the only moderately clear impressions within reach give outlines of the characters \$75, the two first letters being consistent in alphabetical derivation with the rest of the legend, but the final takes the form of an old Syriac or Estranghelo &. Accepting, for the moment, this transcription, the general sense would be well preserved, and in ac-"Sacred Temple." کودوکده or کودوکره Sacred Temple." The monogram of the Greek K obviously suggested the appropriate locality of Kapuar, but the more advanced identifications which now force themselves into notice tend to move the accredited site further eastwards, nearer to Rustam's home in Seistan. Masaudi tells us that the third celebrated Pyræum of the early Fireworshippers was placed in that

¹ بيت المقدس, Spiritus sanctus, بيت المقدس Jerusalem.

² Zend, Areta, ereta. चूत, арта.

³ Zend Avesta, i. p. 87; Burnouf, Yaçna, p. 377.

To show what treacherous ground we are upon in the interpretation of these mixed and debased alphabets, I may mention that I was sometime since completely misled in reading the local version of the name of Kodes as Knat (Kobad). The mistake I made was caused by my accepting the more artistically finished coins as affording the most correct form of the legend, whereas, as has been seen in the case of the imitations from the Euthydemus type, the inferior Greek copyists could neither do justice to the one alphabet or the other, and it required a complete surrender of the die execution to home-bred artists before any consistency in the definition of the native legend could be secured. My main error was in the admission of the third letter of the name as a Pehlvi RA whereas the true form is shown in the third character in the RDD Malka of the present series (Nos. 2, 3, 4). The final on in the better coins was also deceptive, as the proper had an additional limb attached, like the ordinary Pehlvi had (Num. Chron. N.S. iv. 210; J.R.A.S. iii. N.S. p. 250).

province, and the name he gives to the sacred shrine, though disfigured in the MSS. copies, is not far removed from possibly irregular forms of Koddos; beyond this, less archaic references may be cited in Edward Conolly's map, where a very large, though indefinite, space near Zaranj is designated as "Kuddeh;" and looking back to the single unadulterated facsimile of Istakhri, given in all mechanical detail from an original MS., we may trace very definite outlines of the name معنا (without the points), on nearly the same ground, between Zaranj and Bust. Even in the same way, though not to force examples, the preferential عرفين and كركرك and كركرك.

I have now completed, as far as present means permit, the introductory evidence bearing either upon the typical or palæographic characteristics of the five coins which form the leading object of the present notice, and nothing remains but to say so much as may safely be said of the imperfect legends on their surfaces; the initial 2, though varied in outline in the existing specimens, is clearly an 5 or 5 of the joint Pehlvi schemes of writing, following the general design, though varied in the manipulation of the earliest and pervading model of the Semitic 2 M.

The second letter might be taken to be a modification of the Chaldao-Pehlvi of L, but as we have seen that a nearly identical character on the Kodes coins, where its value is assured by the Greek context, stood for the Semitic 7 p, it

¹ Isidore of Charax in his Σταθμοὶ Παρθικοί gives the following account of the chief places in Seistán in his day: Ἐντεῦθεν Ζαραγγιανη, σχοῦνοι κα΄. Ἐνθα πόλις Πάριν καὶ Κορὸκ πόλις. (Variant, Οὐκορὸκ.) Hudson, ii. 8. Paris edit. 1855, i. p. 263. Masaudi speaks of the highly venerated Fire-temple originally erected by Bahman at ζ, in Seistán. Paris edition, vol. iv. pp. 73, 462. Yakuti in vocs in "La Perse of M. B. de Maynard." See also J. H. Mæller, Facsimile of an original MS. of Istakhri (Gothæ, 1829), p. 104, and map, p. 105; Ouseley, Oriental Geography, p. 209; Ibn Khordadbah, Journ. Asiatique, 1865, p. 56; Juynboll, Marásid al Ittilá, 491; Kasvíni (Wüstenfeld, Gott. 1848, ii. p. 163; Hyde, 151; Edw. Conolly, Map of Seistán, J.A.S. Bengal, ix. p. 724; "Goorgooree" (No. 48) Col. Anderson, J.A.S. Bengal, 1849, p. 587; Kiuneir, "Kookhozerd, a fortified town, built on a high island in the centre of the Hamoon," p. 190; Dr. Sprenger, maps iv. and xii.; Rawlinson, R. Geog. Society's Journal, x. 88, "Kárián."

will be preferable to read it as D in this instance also. This is a conclusion which, indeed, accords with the general Indian associations of the coins themselves. We have frequent instances of the use of NOTO Marka for Malka, and here we have only to extend the licence to the local T=S=p, which is often indistinguishable in sound to foreign ears from the R.

The third letter in the order of reading, from the outside of the coin, I have assumed to be a 7 K, a very early definition of which, in almost identical conformation, may be traced in the parallel writing of more western sites, and the back stroke of the Bactrian system further satisfies local identifications. The final & A is a confessed difficulty, and it becomes a still more palpable obstacle in the present instance, where in the indefinite formation of the letters it may be taken for an D M, like the associate initial, or a T T derived from independent schemes of writing. Singular to say, of all the letters of the Semitic alphabet, the opening Alif was the one most subject to empirical modifications, dating from the primitive imitation of a Bull's head of the earliest graphic system, to the severe perpendicular line of the Kufic and modern Syriac. The X A of the Edessa coins follows the most Archaic form of the Phænician y ain, but it varies so far from some of the more advanced Phœnician derivatives, which have an opening at the top of the round o,1 that it occasionally has this gap in its own legitimate line of writing,2 to the left hand of the letter itself, and to this it frequently supplements a dot, like its own '1, at the orifice, so that it is possible a similar process may have been followed in the present instance, where the dot has grown into a more pronounced downstroke. Otherwise the final may be a sort of com-

¹ Gesenius, Scripturæ Linguaque Phœniciæ; La Langue Phénicienne, A. C. Judas, Paris, 1847; the Duc de Luynes, in Prinsep's Essays, pl. xi.a; Madden's Jewish Coinage, pl. i.; Dr. Levy, Phöniziche Studien. But the latest and most complete digest of these alphabets is to be found in M. de Vogüé's Melanges d'Archeologie Orientale, Paris, 1868. Dr. Wright's admirable article on "Writing," in Smith's Dictionary of the Bible, treats more at large the whole question of the spread of Semitic alphabets.

Sassanian Inscriptions, J.R.A.S. iii. N.S. p. 251.

Pr. Scott Num Chron wiji p. 1 and local coins of

³ Dr. Scott, Num. Chron. xviii. p. 1, and local coins of subsequent date in the British Museum.

promise with the prototype of the later Arabic ;, only that we do not want the word in the feminine gender, and equally should we reject the inopportune Scripture "Malcham." At this point the characters of the legend seem to change, and were it not that traces of the 7 D and the same final &, \(\bar{n}\), or \(\bar{n}\) crop-up again at the end of the legend on Nos. 2, 3, and 4, I should have been disposed to think that the intermediate writing followed the model of the single word on coin No. 1. This latter might be guessed at indefinitely according to the alphabetical scheme to which it might be proposed to refer it; as Pehlvi it might be guay Shahach or efter Shemach, or taking Nos. 3 and 4 as Arabic لعبس or لعبس. It is true that these may be said to be very impotent conclusions, only that they are not conclusions at all; any such stage of progress is still in the far-off horizon; we are as yet in the merely preliminary initiation phase of the inquiry; and while there is good hope of new materials, it would be vain to multiply mere conjectures. Even as I write, I hear from our associate, Mr. W. Frere, that he has left behind him at Bombay one, if not more, coins of this description, obtained, as we might expect, from the countries bordering on the Indus. Copies of these pieces have been sent for, and I hope, on some future occasion, to renew my examination of this subject with more effect than at present, and likewise to illustrate the alphabetical ramifications by facsimiles, which in this hasty sketch I have been unable to prepare, and without which the most elaborate descriptions are comparatively unintelligible.



INDEX.

Acacius, 231.
Adhirâja, 84.
Âditya Dynasty, 96, 101.
Alayas, 180.
Albîrûnî, 104.
Ândhra Dynasty, 122 ff.
Assyrian Glossary, 1 ff.

Bactrian Pâli Inscription, 497 ff.

Baillie, N. B. E., Esq., The Mohammedan Law of Evidence, and its influence on the Administration of Justice in India, 480-5.

of Evidence in connection with the Administration of Justice to Foreigners, 486-96.

Balabhi Dynasty, 88 ff. Baladitya, 98, 116.

Beames, John, Esq., On the Magar Language of Nepal, 178-228.

Bhattaraka, 93, 120. Boro Bodor, 411.

Buddha, 143.

Buddha Gupta, 117.

Buddhist Chronology, 133.

Brhat-Sanhitâ, Translation of, 430 ff.

Châlukya Dynasty, 88 ff.
Chandra Gupta, 124.
Childers, R. C., Esq., Khuddaka Pâțha,
a Pâli Text, with a Translation and
Notes, 309-39.
Chronology, Indian, 81 ff.

Dalai Lama, 299 ff.
Dharasena, 90.
Dowson, Professor J., Translation of
a Bactrian Pâli Inscription, 497502.

Fergusson, James, Esq., On Indian Chronology, 81-137. Notes on Senbyú Pagoda, 423-9.

Gonardya Dynasty, 96 ff. Gotami putra, 127. Guptas, 103; of Magadha, 116. Hâjîâbâd Inscription, 369.
Harsha, 88.
Hiouen-Thsang, 83.
Horne, C. Esq., Remarks on Senbyû
Pagoda, 426-29.
Huzvârash, 358.

Indo-Parthian Coins, 503 ff.

Job, 231. Jaya Sinha, 95.

Kaliyuga, 136.
Kanishka, 96, 500.
Kânva Dynasty, 122.
Kern, Dr. H., The Brhat-Sanhitâ, or,
Complete System of Natural Astrology of Varâha-mihira. Translated
from Sanskrit into English. Chapts.
I-VII., 430-79.
Khuddaka Pâtha, 309 ff.
Kodes Coins, 516 ff.

Lamaist System in Tibet, 284 ff.

Magar Language, 178 ff. Mahâbhārata, 136. Maharaja, 84. Ma'na, 230. Marco Polo, 348. Marzuban, 241. Maurya Dynasty, 122. Mayers, W. Fred., Esq., Illustrations of the Lamaist System in Tibet, drawn from Chinese Sources, 284-308. Meghavâbana, 101. Meng Pao, 284. Meru, Mount, 408, 414. Mihirakula, 102. Mohammedan Law of Evidence, 480 ff. 486 ff.

Nâgârjuna, 116. Nandas, 134 ff. Nomên 'Han, 306.

